



OPHTHALMIC SURGICAL INSTRUMENTS

**INNOVATIONS FOR
Better Outcomes**

OPHTHALMIC SURGICAL INSTRUMENTS



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Dear Customer,

Since 1983, ASICO has been providing unique solutions to the ophthalmic marketplace. These innovations are a direct result of collaborating with the world's leading ophthalmic surgeons. This collaboration, recognized by surgeons worldwide, includes a dedication to improving patient outcomes in all areas of current and evolving surgery. All design and testing is carried out in our Westmont (Chicago), Illinois offices. Manufacturing facilities are located in the U.S., Europe, and Asia.

We are pleased to provide this new catalog, which includes proprietary and advanced instruments for CATARACT, LASER-ASSISTED CATARACT, TORIC IOL, VITREO-RETINAL, CORNEAL and other surgical procedures.

The ASICO Portfolio

Innovation is a continuous process. Our technological expertise and unparalleled quality are recognized throughout the industry. Our portfolio is constantly adapting to our customers' needs. While we are seen as leaders in working with stainless steel and titanium, we can apply focused research and design to any material or any surgical requirement. Our newest innovations, as well as a large portfolio of recently approved patents, add to our extensive core competency and have created a dynamic surgical portfolio. ASICO's capabilities include customization of instrumentation to adapt to, and function with, any existing technology platform.

The ASICO Commitment

INNOVATION + PRECISION + SATISFACTION = BETTER OUTCOMES

The instruments you purchase meet the highest standards of quality. In fact, ASICO standards exceed many established government guidelines. We have all approvals for manufacturing and sale for every part of the world. This includes the United States, the EU, Japan, Canada, and Asia. Because of these stringent guidelines, ASICO is pleased to be able to offer a lifetime guarantee against all manufacturers' defects.

ASICO Concept to Reality

We work closely with leading surgeons, from all countries, to understand their needs and to create new solutions directed at better patient outcomes.

ASICO sponsors educational symposia and provides complimentary videos of the latest innovations to ensure that adapting to these new technologies and techniques is thoroughly communicated. An array of educational resources are available in all popular formats. These resources can be found on our dynamic website, www.asico.com.

ASICO Customer Assistance

ASICO provides a free cross-reference service that will assist you in finding ASICO instruments that are equal, similar, or alternative to products from any other manufacturer. ASICO also offers a high quality instrument repair service to ensure customer satisfaction and long term instrument value. If you have questions or require assistance, please contact us at www.asico.com/support.



Estimado Cliente,

Desde 1983, ASICO ha proporcionado soluciones exclusivas al mercado de la oftalmología. Estas innovaciones son el resultado directo de la colaboración con los mejores cirujanos oftalmológicos del mundo. Esta colaboración, reconocida por cirujanos de todo el mundo, conlleva el compromiso de mejorar los resultados para los pacientes en todos los ámbitos de la cirugía actual y en desarrollo. Todos los procesos de diseño y pruebas se efectúan en nuestras oficinas de Westmont, Chicago (Illinois). Las instalaciones de producción se encuentran en EE. UU., Europa y Asia.

Nos complace proporcionar este nuevo catálogo, que incluye instrumentos patentados y avanzados para procedimientos quirúrgicos de CATARATAS, CATARATAS CON LÁSER, LIO TÓRICA, VÍTREORETINA y CORNEA, entre otros.

La gama de productos ASICO

La innovación es un proceso continuo. Nuestros conocimientos tecnológicos y nuestra inigualable calidad cuentan con el reconocimiento de todo el sector. Nuestra gama de productos se adapta constantemente a las necesidades de nuestros clientes, al tiempo que se nos considera líderes al trabajar con acero inoxidable y titanio. Podemos aplicar la investigación y el diseño orientándolos a cualquier material o requerimiento quirúrgico. Nuestras últimas innovaciones así como una extensa gama de productos, de patentes recientemente aprobadas, se añaden a nuestra amplia experiencia y han dado lugar a una variada y actualizada gama de productos quirúrgicos. Las capacidades de ASICO incluyen la personalización de sus instrumentos adaptándose a cualquier plataforma tecnológica existente y permitiendo su funcionamiento.

El compromiso de ASICO

INNOVACIÓN + PRECISIÓN + SATISFACCIÓN = MEJORES RESULTADOS

Los instrumentos que adquiere cumplen los más altos estándares de calidad. Los estándares de ASICO, de hecho, superan muchas directrices establecidas por los gobiernos. Contamos con todas las aprobaciones para la fabricación y venta en cualquier lugar del mundo. Esto incluye los EE. UU, la UE, Japón, Canadá y Asia. Como consecuencia de estas estrictas directrices de empresa, ASICO se complace en poder ofrecer una garantía de por vida contra todo defecto de fabricación.

ASICO del concepto a lo real

Trabajamos en estrecha colaboración con cirujanos líderes de todos los países para comprender sus necesidades y crear nuevas soluciones dirigidas a obtener mejores resultados para los pacientes.

ASICO patrocina simposios educativos y proporciona vídeos complementarios sobre las últimas innovaciones para garantizar una información sin lagunas en cuanto a la adaptación a estas nuevas tecnologías y técnicas. Dispone de un gran número de recursos educativos en todos los formatos habituales. Estos recursos se encuentran en nuestra página web dinámica, www.asico.com.

Asistencia al cliente de ASICO

ASICO ofrece un servicio gratuito de referencias cruzadas que le ayudará a encontrar los instrumentos ASICO que sean exactos, iguales, similares o posibles alternativas para los productos de cualquier otro fabricante. ASICO también proporciona un servicio de reparación de instrumentos de alta calidad para garantizar la satisfacción del cliente, así como las características del instrumento a largo plazo. Si tiene cualquier pregunta o necesita asistencia, póngase en contacto con nosotros a través de www.asico.com/support.



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Estimado Cliente,

Desde 1983 que a ASICO oferece soluções únicas ao mercado da oftalmologia. Estas inovações são consequência direta da colaboração com os principais cirurgiões de oftalmologia do mundo. Esta colaboração reconhecida pelos cirurgiões, em nível mundial, inclui a dedicação na melhoria dos resultados obtidos com os pacientes em todas as áreas da cirurgia, atuais e em desenvolvimento. Todo o desenvolvimento e testes são realizados nos nossos escritórios em Westmont (Chicago), Illinois. As fábricas estão localizadas nos EUA, Europa e Ásia.

É com orgulho que disponibilizamos este novo catálogo, que inclui instrumentos patenteados e avançados para procedimentos cirúrgicos como CATARATAS, CATARATAS A LÁSER, LIOs TÓRICAs, RETINA E VÍTREO, CÓRNEA, entre outros.

Os produtos da ASICO

A inovação é um processo contínuo. Os nossos conhecimentos, avanços tecnológicos e qualidade inigualável são reconhecidos por toda a indústria de instrumentos cirúrgicos oftalmológicos. A nossa linha de produtos está constantemente se adaptando às necessidades dos nossos clientes. Embora sejamos considerados líderes nos trabalhos realizados em aço inoxidável e titânio, podemos dedicar-nos ao desenvolvimento e fabricação em quaisquer materiais ou necessidade cirúrgica. As nossas inovações mais recentes, bem como uma grande carteira de patentes recém-aprovadas, se somam a nossa vasta competência interna e deram origem a uma dinâmica gama de produtos cirúrgicos. A ASICO tem capacidades que incluem a personalização dos seus instrumentos de forma a se adaptarem e funcionarem com qualquer plataforma tecnológica existente.

O Compromisso da ASICO

INOVAÇÃO + PRECISÃO + SATISFAÇÃO = MELHORES RESULTADOS

Os instrumentos que os cirurgiões adquirem cumprem as mais elevadas normas de qualidade. Os padrões da ASICO, de fato, são melhores do que o exigido pelas normas governamentais em vigor. Possuímos todas as aprovações necessárias para a fabricação e Comercialização em qualquer parte do mundo. Isto inclui os EUA, UE, Japão, Canadá, Ásia e Brasil. Devido às rigorosas diretrizes da empresa, a ASICO orgulha-se de poder oferecer uma garantia vitalícia contra quaisquer defeitos de fábrica.

ASICO Do Conceito à Realidade

Trabalhamos com a colaboração dos principais cirurgiões de todos os países, de modo a compreender as suas necessidades e criar novas soluções destinadas a obter melhores resultados com os pacientes.

A ASICO patrocina simpósios educativos e fornece vídeos complementares sobre as mais recentes inovações, de modo a garantir que a adaptação a estas novas tecnologias e técnicas é comunicada em detalhe. Encontra-se disponível uma seleção de recursos educativos nos formatos mais comuns. Pode encontrar estes recursos no nosso website, no endereço www.asico.com.

Apoio ao Cliente ASICO

A ASICO oferece um serviço de busca gratuito que o ajudará a encontrar os instrumentos ASICO adequados, equivalentes, ou similares que representam uma possível alternativa a produtos de quaisquer outros fabricantes. A ASICO também dispõe de um serviço de elevada qualidade para reparos (consertos) de instrumentos de modo a garantir a satisfação do cliente e o valor do instrumento no longo prazo. Caso tenha alguma questão ou necessite de apoio, contacte-nos pelo endereço www.asico.com/support.



Chers Clients,

Depuis 1983, ASICO fabrique des solutions innovantes pour le marché de l'ophtalmologie. Ces créations sont le fruit d'une collaboration avec les meilleurs ophtalmo-chirurgiens du monde. L'objectif de cette collaboration mondiale reconnue est d'améliorer en permanence les résultats en matière de traitements dans tous les domaines de la chirurgie existante et en évolution. C'est à notre siège social à Westmont (Chicago), en Illinois, que nous réalisons la conception et les essais. Nos sites de production sont situés aux États-Unis, en Europe et en Asie.

Nous avons le plaisir de vous présenter notre nouveau catalogue. Vous y découvrirez nos instruments de pointe uniques destinés à la chirurgie de la CATARACTE (ASSISTÉE PAR LASER, IMPLANT TORQUE LIO), la chirurgie VITRÉO-RÉTINIENNE et de la CORNÉE entre autres.

La gamme de produits ASICO

L'innovation est un processus continu. Notre savoir-faire technologique et notre qualité inégalée sont appréciés par l'ensemble du secteur. Notre gamme de produits est constamment adaptée aux besoins de nos clients. Leader dans le traitement de l'acier inoxydable et du titane, nous sommes également en mesure de réaliser des recherches et de faire émerger des conceptions ciblées pour tout type de matériau et pour toutes les exigences chirurgicales. Nos dernières innovations et un large portefeuille de brevets récemment approuvés nous ont permis d'enrichir nos compétences et de créer une gamme dynamique de produits destinés aux besoins chirurgicaux.

Les instruments ASICO peuvent s'adapter à toutes les plates-formes technologiques existantes.

L'engagement ASICO

INNOVATION + PRÉCISION + SATISFACTION = RÉSULTATS OPTIMAUX

L'innovation est un processus continu. Notre savoir-faire technologique et notre qualité inégalée sont appréciés par l'ensemble du secteur. Notre gamme de produits est constamment adaptée aux besoins de nos clients. Leader dans le traitement de l'acier inoxydable et du titane, nous sommes également en mesure de réaliser des recherches et de faire émerger des conceptions ciblées pour tout type de matériau et pour toutes les exigences chirurgicales. Nos dernières innovations et un large portefeuille de brevets récemment approuvés nous ont permis d'enrichir nos compétences et de créer une gamme dynamique de produits destinés aux besoins chirurgicaux.

Les instruments ASICO peuvent s'adapter à toutes les plates-formes technologiques existantes.

ASICO, de la conception à la réalisation

Soucieux d'obtenir des résultats toujours plus performants pour les patients, nous travaillons en étroite collaboration avec les meilleurs chirurgiens de tous les pays afin de mieux comprendre leurs besoins, et ainsi, créer de nouvelles solutions.

ASICO sponsorise des symposiums de formation et propose des vidéos sur les dernières innovations de manière à assurer une diffusion précise des nouvelles technologies et techniques. Une vaste gamme de matériel de formation est disponible dans les formats les plus courants. Ces ressources sont disponibles sur notre portail Internet www.asico.com.

Le service assistance ASICO

ASICO offre un service de références croisées qui vous permet de distinguer les instruments ASICO identiques, similaires ou alternatifs aux produits d'autres fabricants. Désireux de garantir la satisfaction de nos clients et la valeur durable de nos instruments, ASICO offre également un service de réparation hautement qualifié.

Vous souhaitez nous poser des questions ? Vous avez besoin d'aide ? Contactez-nous à l'adresse www.asico.com/support



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Sehr geehrte Kunden

Seit 1983 fertigt ASICO einzigartige Lösungen für den Ophthalmologiemarkt. Diese Innovationen entstehen aus der Zusammenarbeit mit führenden Ophthalmochirurgen aus der ganzen Welt.

Ziel dieser anerkannten, weltweiten Zusammenarbeit ist die kontinuierliche Verbesserung der Behandlungsergebnisse in allen Sparten der bestehenden und sich weiterentwickelnden Chirurgie. An unserem Sitz in Westmont (Chicago), Illinois, führen wir das Design und Testen durch. Die Produktionsstandorte befinden sich in den USA, in Europa und Asien.

Wir freuen uns, Ihnen unseren neuen Katalog zu präsentieren. Er zeigt selber entwickelte, modernste Instrumente für KATARAKT-, LASER-ASSISTIERTE KATARAKT-, TORISCHE IOL-, VITREO-RETINALE-, HORNHAUT- und andere chirurgische Eingriffe.

Die ASICO Produktpalette

Innovation ist ein fortdauernder Prozess. Unser technologisches Know-how und die herausragende Qualität werden von der gesamten Branche geschätzt und gewürdigt. Unsere Produktpalette wird ständig den Bedürfnissen unserer Kunden angepasst. Führend in der Verarbeitung von Edelstahl und Titan, sind wir zudem in der Lage, gezielte Forschung und Design für jedes Material oder jede chirurgische Anforderung zu betreiben. Unsere neuesten Innovationen und ein breitgefächertes Portfolio kürzlich genehmigter Patente bereichern unsere Kernkompetenzen und haben so beigetragen, eine dynamische Produktpalette für den chirurgischen Bedarf zu kreieren.

Das ASICO Versprechen

INNOVATION + PRÄZISION + ZUFRIEDENHEIT = BESSERE RESULTATE

Innovation ist ein fortdauernder Prozess. Unser technologisches Know-how und die herausragende Qualität werden von der gesamten Branche geschätzt und gewürdigt. Unsere Produktpalette wird ständig den Bedürfnissen unserer Kunden angepasst. Führend in der Verarbeitung von Edelstahl und Titan, sind wir zudem in der Lage, gezielte Forschung und Design für jedes Material oder jede chirurgische Anforderung zu betreiben. Unsere neuesten Innovationen und ein breitgefächertes Portfolio kürzlich genehmigter Patente bereichern unsere Kernkompetenzen und haben so beigetragen, eine dynamische Produktpalette für den chirurgischen Bedarf zu kreieren.

ASICO vom Konzept zur Realisierung

Im Bestreben immer bessere Ergebnisse für die Patienten zu erwirken, arbeiten wir eng mit führenden Chirurgen aus allen Ländern, um deren Bedürfnisse zu verstehen und neue Lösungen zu kreieren.

ASICO sponsert Fortbildungssymposien und stellt Trainingsvideos zu den neuesten Innovationen zur Verfügung, um eine akkurate Weitervermittlung dieser neuen Technologien und Techniken zu gewährleisten. Eine breite Palette von Ausbildungsmaterialien, in allen gängigen Formaten, ist verfügbar. Die genannten Ressourcen sind auf unserem Webportal www.asico.com zu finden.

ASICO Kundendienst

ASICO bietet einen cross-reference Dienst, der Ihnen zur Seite steht, um die ASICO Instrumente zu bestimmen, die gleich, ähnlich oder alternativ zu Produkten anderer Hersteller sind. Um die Kundenzufriedenheit und die dauerhafte Werterhaltung der Instrumente zu gewährleisten, bietet ASICO zudem einen hochqualifizierten Reparaturservice an.

Haben Sie Fragen oder benötigen Sie Hilfe? Kontaktieren Sie uns über www.asico.com/support.



Caro Cliente,

Dal 1983 ASICO è impegnata nello sviluppo di soluzioni specifiche per il settore oftalmico. Queste innovazioni sono il diretto risultato della collaborazione con i migliori chirurghi oftalmici su scala mondiale, collaborazione avallata dagli stessi chirurghi e volta all'ottimizzazione dei risultati clinici in tutti i campi della chirurgia attuale e in evoluzione. La sede di progettazione e sperimentazione è a Westmont (Chicago), Illinois. Gli impianti di produzione si trovano invece negli Stati Uniti, in Europa e in Asia.

Siamo lieti di presentarvi il nuovo catalogo della nostra strumentazione esclusiva ed evoluta per la chirurgia della CATARATTA, della CATARATTA con LASER, con IOL TORICA, VITREORETINICA, CORNEALE e altro ancora.

Lo strumentario ASICO

L'innovazione è un processo continuo. La nostra competenza tecnologica e la qualità superiore sono note in tutto il settore. Il nostro strumentario è in costante evoluzione per potersi adeguare alle esigenze dei clienti. Pur eccellendo nella produzione di strumenti in acciaio inossidabile e titanio, siamo in grado di focalizzare ricerche e progettazione su qualunque materiale o necessità chirurgica. Le nostre ultime innovazioni, unitamente a una varietà di brevetti di recente approvazione, completano le nostre vaste competenze chiave dando vita a un dinamico strumentario chirurgico. ASICO è inoltre in grado di personalizzare la propria strumentazione in modo tale da garantirne l'operatività con qualunque piattaforma tecnologica.

L'impegno ASICO

INNOVAZIONE + PRECISIONE + SODDISFAZIONE = MIGLIORI RISULTATI

Gli strumenti a vostra disposizione soddisfano i più elevati standard qualitativi. Di fatto, gli standard di ASICO superano molte delle direttive governative vigenti. Siamo in possesso di tutte le approvazioni per la produzione e la vendita su scala mondiale, ivi compresi Stati Uniti, UE, Giappone, Canada e Asia. Grazie a rigide direttive aziendali, ASICO riesce ad offrire una garanzia a vita per tutti i difetti di produzione.

ASICO dal progetto alla realizzazione

La nostra stretta collaborazione con i più affermati chirurghi del pianeta ci consente di individuarne le esigenze e creare nuove soluzioni per l'ottimizzazione dei risultati clinici.

ASICO sponsorizza convegni e fornisce in omaggio video delle più recenti innovazioni per informare in modo esauriente circa il proprio adeguamento alle nuove tecniche e tecnologie. Numerosi strumenti didattici in tutti i formati più diffusi sono disponibili sul nostro sito web dinamico www.asico.com.

Assistenza clienti ASICO

ASICO fornisce un servizio gratuito di assistenza attraverso riferimenti incrociati per la ricerca di strumenti ASICO identici, uguali, analoghi o alternativi ai prodotti di tutti gli altri fabbricanti. ASICO offre inoltre un efficiente servizio di riparazione strumenti, in modo da garantire la soddisfazione del cliente e la durata della strumentazione. Per eventuali dubbi o richieste di assistenza, consultare l'elenco contatti sul sito www.asico.com/support.



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お客様各位,

1983年以来、ASICOは眼科市場にユニークなソリューションを提供してきました。これらの革新は世界中のトップサージャンとの連携の結果として必然的にもたらされたものです。世界中のサージャンが認識しているこの連携には、現行の手術と進化しつつある手術のすべての分野において患者様の治療結果の改善を求める専念が盛り込まれています。製品0設日及び検査はすべてイリノイ州のウェストモント(シカゴ)オフィスで実施されています。製造施設は米国、ヨーロッパとアジアに位置しています。この度、白内障、レーザー補助白内障、トーリック眼内レンズ、網膜硝子体、角膜および他の眼科手術に使われる独自かつ先進的な器具を盛り込んだこの新しいカタログを謹んでご提供させていただきます。

ASICO製品ラインナップ

革新は継続的なプロセスです。弊社の技術的専門知識と他に類を見ない高品質は業界で広く認められています。弊社の製品ラインナップは常にお客様のニーズに順応しています。我々はステンレス鋼とチタンの取扱いでは業界トップ企業と見なされていますが、同時にその他あらゆる材料や要求に合わせたリサーチとデザインも行っています。我々の最新のイノベーションが、最近認可された多数の特許ポートフォリオと共に、弊社のコア・コンピテンシーに加わったことで、ダイナミックな手術用ポートフォリオになりました。ASICOは、既存のあらゆる技術プラットフォームにも適応し機能するような器具のカスタマイズも行っています。

ASICOの約束 革新+精度+満足度=より良い結果

ご購入いただく製品は最高の品質基準を満たしています。実際のところASICOの設定する基準は多くの既存の政府ガイドライン水準を超えています。弊社は米国、ヨーロッパ、日本、カナダ及びアジアを含む世界各地での製造及び販売の承認を得ています。これらの厳しいガイドラインを理由に、ASICOはすべての製造上の欠陥に対する生涯保証を喜んでご提供いたします。

ASICOのコンセプト実現

私たちは、あらゆる国々のトップサージャンと緊密に協力して、彼らのニーズを理解し、また患者様をよりよい治療結果に導くための新しいソリューションを創出しようと努力しています。ASICOは教育シンポジウムの主催、及び最新の技術革新に関する無料ビデオの提供を行っており、これらの新しい技術やテクノロジーの適応に関して十分に理解されるよう努めています。数々の教育リソースはあらゆる一般的なフォーマットで利用可能です。これらのコンテンツは、弊社のダイナミックなウェブサイト www.asico.com からご覧いただけます。

ASICOのカスタマーサービス

ASICOは、他社製品と同等、類似、または代替となるASICO製品を見つけ出すのに役立つ、無料の相互参照サービスを提供しております。それに加えて、顧客満足と長期的な器械価値とを高める高品質の器具修理サービスも行っております。ご質問、ご要望等ございましたら www.asico.com/support までお問い合わせください。





World Renowned for:

- Superior Quality
- Superior Value
- Most Responsive Customer Service
- Broad, Multi Specialty, Product Range

Regulatory Certification Standards

- CE Mark
- FDA Approved
- ISO 13485
- MHW Japan
- Health Canada
- Many other Global Approved Standards

Quality Control Standards



Strict Quality Control at all stages of the manufacturing process



Takayuki Akahoshi MD, Japan



"I have a lot of instrument ideas, and ASICO is quick to make them into reality. The quality of the instrument produced is very good, which is a big reason as to why I work with them on my new innovations."

Alan S. Crandall MD, United States of America



"I've been working with ASICO at least 15 to 20 years. It's a great company. You always get an answer quickly. You always get a human that answers every single time you call. Whenever we design instruments and work with them, prototypes come. They just have a great ability to treat everyone as if they're their only customer, which I think is a remarkable statement in this day and age."

Donald Tan MD, Singapore



"Surgeons always have dreams and ideas. The biggest advantage I have in my relationship with ASICO is that I can go to them with crazy ideas, and they are quick to make a prototype."

Stephen Slade MD, United States of America



"I've worked with ASICO for years and years and in my entire career what's mattered to me is relationships of the companies and the people that I have worked with. What I appreciate most about ASICO is exactly that, the relationships of the people involved. ASICO has consistently come through with instruments I need, and no doubt the instruments are superb. I've used them forever, and I think they're just absolutely fantastic. In this industry, every company that I deal with it all comes down to the people behind it. I love the technology, but it really doesn't matter unless there's somebody behind it that I feel some sort of kinship with."

Tobias Neuhauss MD, Germany



"ASICO is very helpful in that they have open ears. When you have an idea about an instrument, then you look first 'are there instruments' and you go to the booth and say, "Ah. Here it is." Then you use it and you say, "Ah, it's very close to what I need, but couldn't we change it a little bit here, a little bit there?" And suddenly you have a new instrument. And then you ask ASICO, "Is it possible?" And they always have open ears and say okay, let's do it. You say, "Great. I love it." The interactive work with ASICO about new instruments is very positive and reliable."



Experience and Expertise Working in Tandem... Worldwide



Cesar Ramon G. Espiritu, MD
Philippines

Jose Roberto Aguilar, MD
Mexico



Abhay Vasavada, MD
India



Eduardo Viteri, MD
Ecuador

Ronald Yeoh, MD
Singapore



Mikio Inamura, MD
Japan



Roberto Zaldivar, MD
Argentina

Teriyuki Miyoshi, MD
Japan



Soon Phaik Chee, MD
Singapore



Dr Jod Mehta
Singapore

Rudy Nuijts, MD
Netherlands



Douglas Koch, MD
United States



Dr Kuniharo Nagahara
Japan

Nick Mammalis, MD
United States



Chareles Ahn, MD
United States



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Surgical Notes & Vision NEWS™ from ASICO®

Showcasing latest Innovations & Techniques



Innovators Forum

A platform at our booth where we invite the world's most renowned surgeons for you to interact with and discuss the latest surgical techniques and innovations



ASICO Vision NEWS Channel

ASICO site on YouTube allows you to access the Latest Surgical Technique and Innovations with regards to cataract surgery, advances in ophthalmic surgical instruments by ASICO, and Surgeons talking points



ASICO In or On Social Media

ASICO uses **facebook** & **LinkedIn** for sharing stories, NEWS and technologies

Scan to follow us on Facebook



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GUARANTEE

All ASICO ophthalmic surgical instruments are unconditionally guaranteed for life against manufacturing defects in material and workmanship when used for their intended surgical purpose and cared for in accordance with recommended procedures. In the event any ASICO instrument should fail as a result of a manufacturing defect in material or workmanship, it will be replaced or repaired at no charge.

ORDERS

Orders can be placed through our toll free customer service line (USA: 1-800-628-2879, International: +1 630-986-8032), by fax (630-986-0065), by email (info@asico.com), or through our website (www.asico.com). Orders can also be placed through the ASICO sales representative in your area.

PRICES

Please contact our customer service or your local ASICO sales representative for prices. Prices are subject to change without notice.

SHIPPING

Shipments of surgical products are made via Federal Express Second Day Air or UPS Blue within the USA. Courier services are used for international shipments. Shipments can also be made via other couriers upon customer request. All shipments are F.O.B. Westmont. Method of shipment is subject to change without notice.

REPAIR SERVICE

Repair Instructions

- We offer repairs on all instruments, regardless of the brand name
- Call us today (1-630-986-8032) for more details

Before sending us the instrument, we ask that you do the following:

1. Sterilize the instrument
2. Submit your Request for Repair Quotation
3. Ship the instrument with a printed email for our reference to the following address:

ASICO LLC
ATTN: REPAIRS
26 PLAZA DRIVE
WESTMONT, IL 60559

INSTRUMENT CROSS-REFERENCE

Our cross-reference service will assist you in finding ASICO instruments that are equal, similar, or alternative to other manufacturers. If you have questions or require assistance, please contact us by email (info@asico.com) or call our customer service (1-630-986-8032).

INSTRUMENT CARE

Please refer to pages 240-244 for instrument care information.

DIAMOND KNIFE CARE

Please refer to page 241 for diamond knife care information.

DIRECTIONS FOR USE

Please visit our website www.asico.com/support.



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AE-1000 Series

SPECULUMS | RETRACTORS | FIXATION RINGS
CALIPERS | MARKERS | GAUGES | PROBES
DILATORS | DEPRESSORS

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CURETTES | SPATULAS | HOOKS | CHOPPER
MANIPULATORS | LENS LOOPS | SPOONS
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AE-3000 Series

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AE-8000 / 9000 Series

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AS-1000 / AS-7000 / 8000/9000 Series

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MARKING PENS | INJECTORS

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CATARACT CLEAR CORNEAL SET | CATARACT PHACO SET | ECCE SET |
MICRO COAXIAL SET | MCO ESSENTIAL, ADVANCED | PREMIUM SET |
LACRIMAL SET | PHAKIC SET | PTERYGIUM SET | CORNEAL TRANSPLANT SET |
GLAUCOMA SET | LID SET | MUSCLE SET | RETINAL SET | KERATOCONUS SET |
FEMTOSECOND CATARACT SET | PRK SET | PRIMARY LASIK SET |
TAN DALK SET | DSAEK SET | DMEK SET | TORIC SET | LRI SET |
ICL® SET | ICMS SET | CHEE GLUED IOL SET | CHALAZION SET | OPTICIAN |
STRABISMUS SET | SARNICOLA DALK SET | BASIC OFFICE SET |
FOREIGN BODY SET | LASIK RETREATMENT SET | LASIK EMERGENCY SET

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Instrument Care and Cleaning Instructions



ASICO TRADEMARKS

Advaricut[®]

ASICO Single use Blade Line
Perfect Square incision- Minimum or no Hydration
 patented design

HYDRO+[™]

ASICO Single use cannula Line

CORNEA[™]

ASICO Cornea surgical Instruments
ASICO innovations for all corneal procedures

AXsys[™]
 Electronic Toric Marking Device

ASICO AXsys Toric marker
Most accurate toric marker



ASICO Single use Iris hook Line
MaxIris – Max benefit,
 single use Iris Hooks



ASICO Femto Cataract Surgical Instruments
First to market, most popular
FLACS instruments



Clear Corneal Sharpness Squared

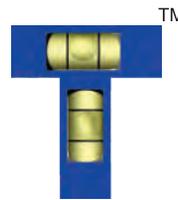
ASICO Clear corneal Blade Line
Reproducible square incisions

VR by ASICO

ASICO Retinal Surgical Instruments
ASICO's latest in Vitreoretinal instruments



ASICO exclusive instruments you will not find anywhere
Exclusive to ASICO



ASICO Toric Surgical Instruments
ASICO Toric markers - Because every degree matters!!



ASICO launched the product before anybody else
Launched first in the world by ASICO*
 *disclaimer: As best known to ASICO development team

VRTIS[®]

Vitreo Retinal Trocar Instrument system



ASICO Micro -Incision cataract surgical Instruments
Leaders in choice and design

ICMS[®]

Intraocular Complication Management System
Handle complications with Ease

The more you know...[™]

INNOVATIONS
for Better Outcomes[®]

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Today's Precision...Tomorrow's Vision[®]

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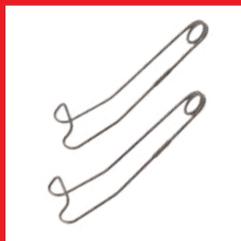
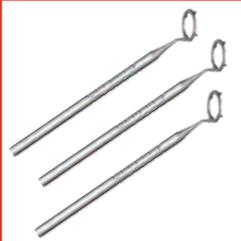
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AE-1000 Series



INNOVATIONS
for Better Outcomes®



ASICO® AE-1000 Series



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Aspirating speculums are made of stainless steel and connected to silicone tubing. This speculum is most useful for phaco or LASIK procedures where BSS (Balanced Salt Solution) is used.

ASICO's aspirating speculums are supplied with a silicone tubing which should be connected to the operating room suction at a low setting. The silicone tubing can also be connected to a 50 cc syringe or small vacuum pump. When the syringe is placed on a lower level than the patient's head, gravity in conjunction with the vacuum aspirates the BSS.

To clean the speculum, flush it with distilled water after each and every use and before sterilizing. The silicone tubing, along with the speculum, can also be sterilized. If you have any questions regarding the use of or care of ASICO speculums, please call our customer service.

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Barraquer

Wire Speculum

AE-1001 Small

AE-1002 Large

AE-1003 Heavy wire; Adult size



Pannu-Barraquer

Aspirating Wire Speculum

AE-1005

Used with suction set on low or with syringe (tubing not shown)



Pannu-Bansal

Aspirating Wire LASIK Speculum

AE-1006

Used with suction set on low or with syringe (tubing not shown)



Kobayakawa

Middle Speculum

AE-1009

Shorter overall length reduces the tension to temporal side during surgery.

Middle refers to a medium size speculum optimal for cataract surgery.



Kobayakawa

Aspirating Middle Speculum, 7-holes

AE-1009AN



Barraquer

Solid Blade Wire Speculum

AE-1010 Small

AE-1011 Large



Bansal-Koch

Nasal Cataract Wire Speculum

AE-1012

Solid blades



Bansal

Nasal LASIK Wire Speculum

AE-1013

Solid blades



Miyoshi

Small Orbit Speculum

AE-1014

Wire model; Designed for Asian eyes and small orbits; Maximum lid opening; Minimum rise of vitreous pressure; Optimum patient comfort; Recommended for any anterior segment procedure



Miyoshi

Aspirating Speculum

AE-1014AN

Slits are precisely designed to assist in effective aspiration; Adjustable and aspirating model; Designed for Asian eyes and small orbits



Miyoshi

Small Orbit Adjustable Speculum

AE-1014N

Maximum lid opening; Minimum rise of vitreous pressure; Optimum patient comfort; Recommended for any anterior segment procedure



Infant

Wire Speculum

AE-1015

4 mm blade length



Miyoshi

"Z" LASIK Speculum

AE-1016

Open wire design allows more room for the suction ring to get down to the eye; Rounded shape of the blades under the lids is more comfortable for the patient

Disclaimer : "Z" is a trademark of Ziemer



Tubing Set

For Aspirating Speculums

AE-1017



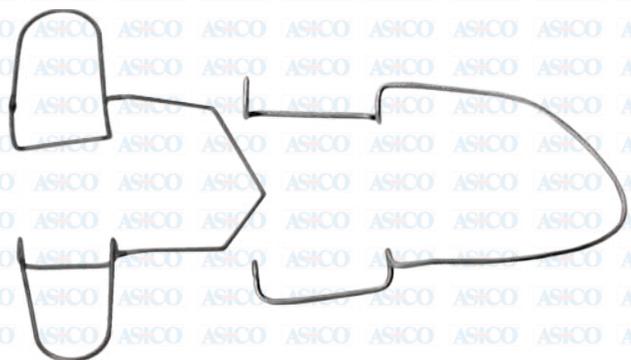
Kratz-Barraquer

Wire Speculum

AE-1018 With wings

For retracting the surgical drape while allowing unobstructed access to the cataract incision with the Phaco or I/A tip

AE-1019 Phaco with round edge



Kratz-Barraquer

Wire Speculum

AE-1020

Open blades for easy access to the cataract incision with the Phaco or I/A tip



Pannu-Kratz-Barraquer

Aspirating Speculum

AE-1021

Used with suction set on low or with syringe



Kratz-Barraquer

Heavy Wire Speculum

AE-1022

Open blades for easy access to the cataract incision with the Phaco or I/A tip



Akahoshi

3-Prong Cataract Speculum

AE-1023

3-prong nasal speculum for easy temporal access; Adjustable self-locking mechanism

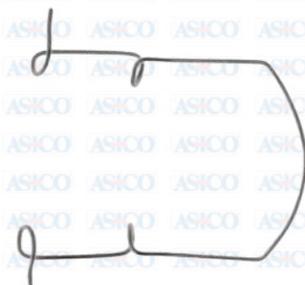


Nasal

Wire Speculum

AE-1024

Open blades for easy access to the cataract incision with the Phaco or I/A tip





Akahoshi

3-Prong Speculum with Square Lock

AE-1025

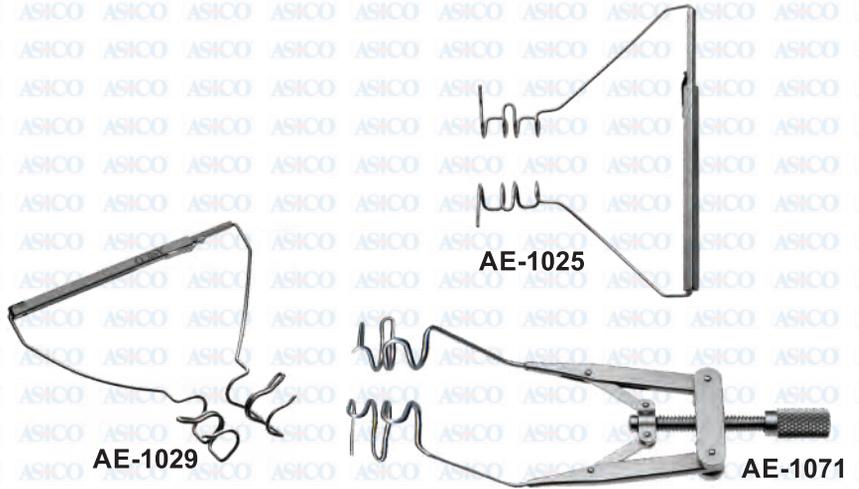
Thin wire for increased visibility of the surgical field; Adjustable, square lock accommodates various lid sizes; 3-prong design prevents cilia from protruding out of the surgical drape

AE-1026 For deep set eyes

AE-1029 2-prong version

AE-1029L 2-prong version for deep set eyes and/or narrow lids

AE-1071 2-prong adjustable version



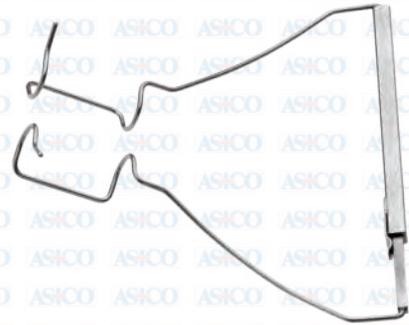
Akahoshi

1-Prong Speculum with Square Lock

AE-1027

Thin wire for increased visibility of the surgical field; Adjustable, square lock accommodates various lid sizes; Ideal for regular size eyes

AE-1028 For deep set eyes



Simcoe-Barraquer

Wire Speculum

AE-1030

For retracting the surgical drape

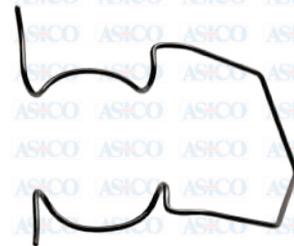


Slade

LASIK Wire Speculum

AE-1031

Accommodates the suction ring of the microkeratome





Murdoch-Slade

LASIK Speculum

AE-1033

Self-locking speculum



Crozafon

Femtosecond Speculum

AE-1034

Bend in the speculum allows it not to interfere with the suction tube of the patient interface, thereby easing docking and providing a wide opening of the lids



Modi

Femtosecond Speculum

AE-1037

Adjustable speculum with silicone tubing on the blades that assists in pushing the conjunctiva away



Nordan

Olive Tip Speculum

AE-1038N



Manche

LASIK Speculum

AE-1039N

Designed specifically for superior hinge LASIK



Lieberman

Adjustable Aspirating Speculum

AE-1040AN

Used with suction set on low or with syringe



Lieberman

Speculum, K-style

AE-1040K

Adjustable K-wire speculum with Kratz style open wire blades; Adjustable mechanism with thumb screw control



Lieberman

Adjustable Eye Speculum

AE-1040N



Lieberman

Speculum, V-style

AE-1040V

V-shaped 15 mm blades are designed to retain the surgical drape under the eyelids



Kraff-Sugita

Nasal Adjustable Aspirating
Wire Speculum

AE-1041AN

Used with suction set on
low or with syringe



Kraff-Sugita

Nasal Adjustable Aspirating
Wire Speculum, Small Blades

AE-1041AS

Smaller blades



Kraff

Nasal Adjustable LASIK Wire Speculum

AE-1041N



Slade

Adjustable Aspirating LASIK
Wire Speculum

AE-1042AN

Used with suction set on low
or with syringe



Slade

Adjustable LASIK Wire Speculum

AE-1042N

Accommodates the suction ring of the microkeratome



Machat-Buratto

Adjustable Aspirating LASIK Speculum

AE-1043AN

Blades maximize exposure of the globe; Used with suction set on low or with syringe



Machat

Adjustable LASIK Wire Speculum

AE-1043N

Blades designed to provide maximum exposure of the globe for superior LASIK procedure; Open blade design avoids interference of the blades with the microkeratome



Kraff

Nasal Solid Blade Adjustable Speculum

AE-1044N

Blades minimize interference and contamination from eyelashes



Kraff

Solid Blade Temporal Adjustable Speculum

AE-1045N

Blades minimize interference and contamination from eyelashes



Miyajima

Adjustable Speculum

AE-1046N

Ideal for patients with small eyes; Shape of the blades does not cause discomfort to the patient



Miyajima

Adjustable Aspirating Speculum

AE-1046AN

Ideal for patients with small eyes; Shape of the blades does not cause discomfort to the patient; Continuous aspiration will keep the surgical field clear of excess fluid and debris and may reduce the possibility of Sands of the Sahara

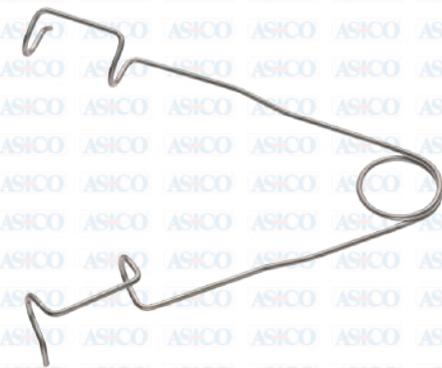


Grene

LASIK Speculum

AE-1047N

Extremely strong wire speculum that has been specifically designed for the SLK microkeratome; Increased tension of the speculum makes it difficult for nervous patients to dislodge it from the eye



Castroviejo

Speculum

AE-1050





Hata-Miyoshi

Aspirating Speculum

AE-1051AN

Adjustable speculum with aspiration

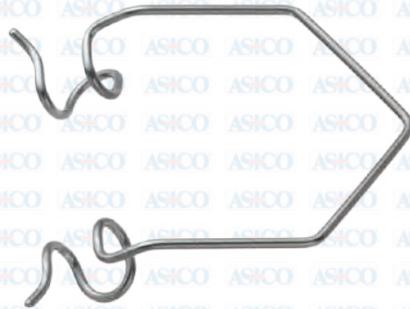


Pediatric

Wire Speculum

AE-1052

Infant wire speculum with 5 mm blades



Pediatric

Adjustable Wire Speculum

AE-1053

Infant wire speculum with 5 mm blades; Adjustable mechanism



Pediatric

Solid Blade Speculum

AE-1054

Infant wire speculum with 5 mm solid blades



Pediatric

Solid Blade Adjustable Speculum

AE-1055

Infant adjustable wire speculum with 5 mm solid blades



Ikuno-Hata

Adjustable Speculum with Aspiration

AE-1056AN



Modi

Femtosecond Speculum, V-style

AE-1057

Silicone tubing on the blades pushes the conjunctiva away

“V-shaped blades similar to Lieberman style”



Hata-Miyoshi

Aspirating Speculum II

AE-1058AN

Unique positions of the aspiration holes help prevent potential false conjunctival aspiration





Miyoshi

Speculum with Deeper Blades
AE-1059



Cook

Speculum
AE-1080 Infant
AE-1081 Child
AE-1082 Large



Murdoch

LASIK Speculum
AE-1083
Self-locking speculum



Jaffe

Wire Speculum (Lid Retractor)
AE-1084 Small (pair)
AE-1085 Large (pair)
May be clamped to the surgical drape with sutures or elastic bands



Lancaster

Temporal Solid Blade Speculum

AE-1089



Lester-Burch

Solid Blade Speculum

AE-1090



Sauer

Solid Blade Pediatric Speculum

AE-1100



McPherson

Solid Blade Speculum

AE-1110

Vertical suture posts



Williams

Speculum

AE-1151 Adult

Blade length 15mm



Stevenson

Lacrimal Retractor

AE-1210

3 x 3 prongs



Knapp

Lacrimal Sac Retractor

AE-1220

With flat handle



Desmarres

Lid Retractor

AE-1231 Size 0

AE-1232 Size 1

AE-1233 Size 2

AE-1234 Size 3



Schepens

Orbital Retractor

AE-1240

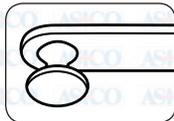


Graether

Iris Retractor / Collar Button

AE-1250 Straight

AE-1251 Angled



Jaeger

Stainless Steel Lid Plate

AE-1260



Flieringa

Scleral Fixation Ring

AE-1312 12 mm

AE-1313 13 mm

AE-1314 14 mm

AE-1315 15 mm

AE-1316 16 mm

AE-1317 17 mm

AE-1318 18 mm

AE-1319 19 mm

AE-1320 20 mm

AE-1321 21 mm

AE-1322 22 mm (shown)



Schachar

Blepharostats

AE-1400 Small (pair)

AE-1400L Large (pair)



Castroviejo

Caliper

AE-1500 Straight

AE-1501 Curved

Measures 1.0 mm - 20.0 mm
in 1.0 mm increments



Ruler

AE-1510



Galand

Incision Marker

AE-1515 3.0 mm

AE-1516 3.2 mm

AE-1518 4.0 mm

AE-1519 4.5 mm

AE-1514 5.5 mm

AE-1521 6.0 mm

AE-1512 7.5 mm

AE-1513 8.0 mm



Hunkeler

No-Stitch Frown Incision Marker

AE-1522

Marks 3.0 mm, 4.0 mm, 5.0 mm,
and 6.0 mm incisions



Singer

Frown Marker

AE-1523

3.9 mm and 5.7 mm width
for 5.0 mm and 7.0 mm IOLs
respectively



Crandall

USC Glaucoma Marker

AE-1526

Marks pattern to unroof
Schlemm's Canal for deep
sclerotomy and viscocanalostomy



Jarstad

No-Stitch Frown Incision Marker
AE-1527

Features a corneal valve mark to facilitate entry into the anterior chamber



Neuhann

USC Glaucoma Marker
AE-1529

Marks pattern to unroof Schlemm's Canal for deep sclerotomy and viscocanalostomy; Swivel handle comfortably marks from either temporal or superior approach



Jameson

Caliper
AE-1530

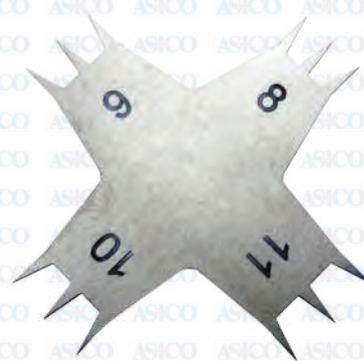


Kobayashi



4-Point Marker 8 / 9 / 10 / 11 mm
AE-1535

Unique marker allows the surgeon to make 8, 9, 10, and 11 mm markings using the same marker for corneal procedures



Thorpe

Caliper
AE-1540

Measures up to 80 mm;
Angled 3.0 mm tips



Asami

Caliper
AE-1541

Used for scleral buckling surgery; Skinny shaft and fine tips can easily reach the posterior pole of lens over equatorial part and mark a narrow surgical field



Tan-Jod



DMEK Block
AE-1570

Designed for standard DMEK or the Hybrid DMEK procedure; To be used on DMEK donor tissue



Yeoh



Sideport Gauge
AE-1572T

Titanium incision gauge made for sideport; Measures sizes from 0.5 mm to 1.6 mm in 0.1 mm increments



Holladay-Godwin

Pupil Gauge (Pair)
AE-1573

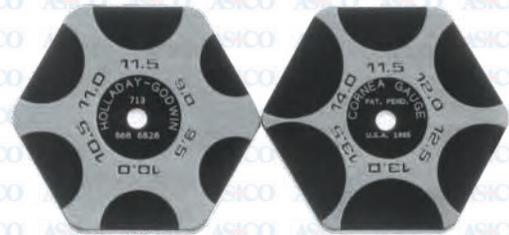
Measures pupil sizes from 0.5 mm and 1.0 mm to 10.0 mm in 1.0 mm increments



Holladay-Godwin

Cornea Gauge (Pair)
AE-1576

Diameters range from 9.0 mm to 14.0 mm in 0.5 mm increments; Used to measure the horizontal cornea diameter for IOLs and implantable contact lenses



Hunkeler

Internal Caliper
AE-1578

Measures up to 4.0 mm in 0.1 mm increments for precise measurement; Adjustable screw





Staar®

Cartridge Holder
AE-1579

Consists of an ergonomic stainless steel block that holds the cartridge in place without lateral, forward, or backward movement when loading the lens into the cartridge

Staar is the registered trademark and owned by Staar Surgical USA.



Crandall

Capsulorhexis Incision Gauges
AE-1582T

Set of 18 titanium blades ranging from 1.5 mm to 3.2 mm in 0.1 mm increments; Laser lines are 1.0 mm apart on the back of each gauge to measure the size of capsulorhexis



John

DMEK Twin Block
AE-1586

Helps in separation, staining, and temporary placement of the donor DM and endothelial cells until transplanted to the recipient cornea



Kobayashi

DMEK Block Holder
AE-1588

Used as a fixed base for putting the base of the Barron anterior chamber for separation of tissue



Beveled Degree Gauge without Teeth
AE-1589

Features laser lines every 5 degrees for greater accuracy; Beveled design allows maximum visibility under the microscope





ASICO

Beveled Degree Gauge

AE-1590T

Features laser lines every 5 degrees for greater accuracy; Beveled design allows maximum visibility under the microscope; Comes with fixation teeth



Miyata

LRI Gauge

AE-1591

Markings every 5 degrees; Comes with atraumatic fixation teeth; Can be used for both LRI and Toric



Graether

Degree Gauge

AE-1594N

Degree gauge has four elevated extensions on the bottom at 0, 90, 180, and 270 degrees



Ron Yeoh

Gauge

AE-1595

Markings are shown every 5 degrees with 4 slots at 0, 90, 180, and 270 degrees; Slots at 0 and 180 degrees are for the inner ring, while slots at 90 and 270 degrees are for the outer ring; Marking pen tip can be inserted in the slot



Rom

Beveled Gauge without Teeth

AE-1596

Features laser lines every 1 degrees for greatest accuracy; Beveled design allows maximum visibility under the microscope



Bowman

Lacrimal Probe

AE-1600 Size 0000 and 000

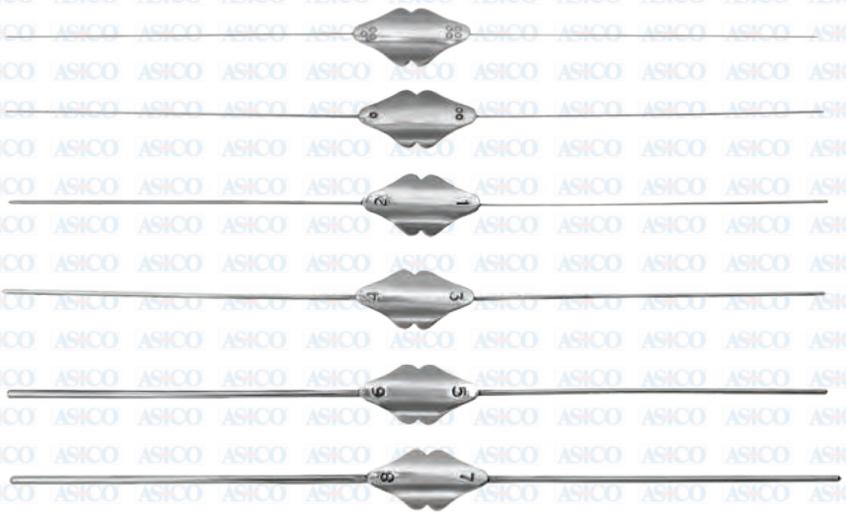
AE-1610 Size 00 and 0

AE-1612 Size 1 and 2

AE-1614 Size 3 and 4

AE-1616 Size 5 and 6

AE-1618 Size 7 and 8



Harms

Trabeculotomy Probe with Guide

AE-1630 Right

AE-1631 Left



Castroviejo

Lacrimal Dilator

AE-1640



Infant

Lacrimal Dilator

AE-1650 Stainless steel



Wilder

Lacrimal Dilator

AE-1660 Long taper

AE-1661 Medium taper

AE-1662 Short taper



Catalana

Lacrimal Intubation Set

AE-1670

Blunt, stainless steel malleable probe attached to 0.31 mm ID x 0.64 mm OD silicone tubing 300 mm long



Crawford

Lacrimal Intubation Set

AE-1675

2 olive tip stainless steel probes with tubing



AE-1676

Retrieving hook



Schockett

Scleral Depressor

AE-1700



Packo

Scleral Depressor with Marker

AE-1701

To mark the pars plana incision; Flat handle on top represents the marker position



May

Scleral Depressor

AE-1702



Schepens

Scleral Depressor

AE-1705 Small

AE-1706 Medium

AE-1707 Large



ASICO

Reversible Speculum Solid

AE-1710

Thin, solid 15mm blades with satin finish



Jackson

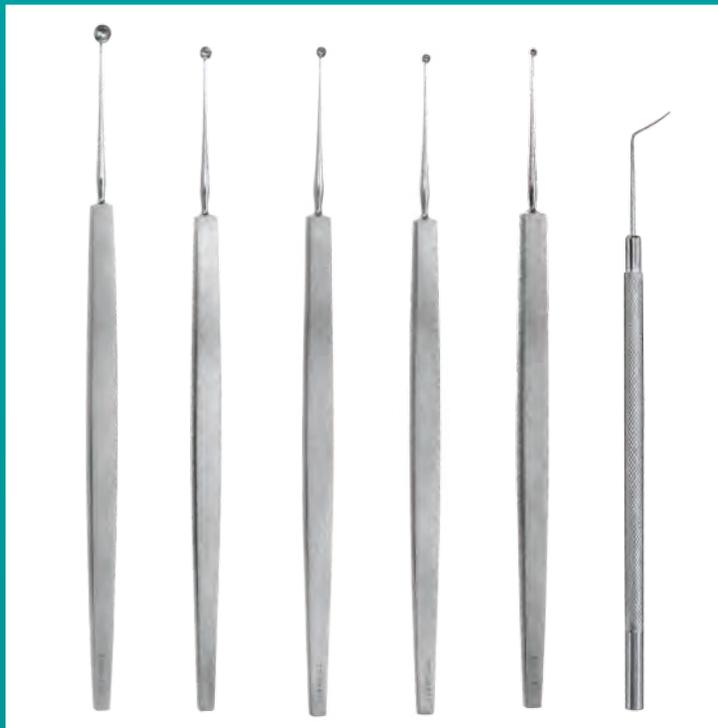
Lac Intubation Set

AE-1711

2 blunt, 0.9mm diameter probes attached to 305mm long silicone tubing; 0.31mm inner diameter, 0.63mm outer diameter



AE-2000 Series



INNOVATIONS
for Better Outcomes®



ASICO® AE-2000 Series



Astigmatic markers have a reference mark on the anterior side to align with a gauge for exact marking on the steepest meridian of the cornea.

LASIK markers feature a non-contact optic zone of 3.0 mm or greater. This prevents indentation of epithelium in the visual zone, which may affect post-operative vision.

LASIK markers also feature radial and pararadial marks to align the flap and to prevent inadvertent upside down placement of a free cap.

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Meyerhoefer

Chalazion Curette

AE-2000 1.50 mm

AE-2001 1.75 mm

AE-2002 2.00 mm

AE-2003 2.50 mm

AE-2004 3.50 mm



Iris

Spatula

AE-2040

Malleable stainless steel



Barraquer

Iris Spatula

AE-2049



Troutman-Barraquer

Iris Spatula

AE-2050



Fry

Iris Spatula

AE-2052



Castroviejo

Synechiaie Spatula

AE-2060

Semi-sharp tip

Angle to tip: 10mm & 13mm

Tip width: 0.50mm



Girard

Synechiaie Spatula

AE-2065

Semi-sharp tip

Tip width: 0.50mm



Castroviejo

Cyclodialysis Spatula

AE-2071 0.25 mm wide

AE-2072 0.50 mm wide



Graefe

Muscle Hook

AE-2101 Size 1 (8.00 mm x 1.00 mm)

AE-2102 Size 2 (10.00 mm x 1.50 mm)

AE-2103 Size 3 (10.00 mm x 2.00 mm)



Jameson

Muscle Hook

AE-2110



Green

Muscle Hook

AE-2120



May

Muscle Hook

AE-2125

AE-2126 With oblong hole



Gass

Retinal Detachment Hook

AE-2128

Oval hole



Bonn

Micro Iris Hook

AE-2150

Blunt tip

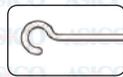


Shepard

Iris Hook

AE-2160

Small, blunt tip



Knolle

Iris Hook

AE-2172

Small, very blunt tip



Vinciguerra

LASEK Butterfly Protector

AE-2183

Uniquely designed instrument retracts and protects the epithelial flap during laser ablation; Black-coated tip



Fixation

Hook, Large

AE-2191

For scleral fixation



Twist

Hook

AE-2194 Right

AE-2195 Left

For scleral fixation



Dillman

Hook

AE-2196

2-prong configuration securely fixates the eye without damaging scleral tissue; Unique angle allows for comfortable hand position during clear corneal procedure



Burch

Scleral Fixation Pick

AE-2197

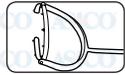


Fine-Thornton

Fixation Ring

AE-2198 13.0 mm

AE-2199 16.0 mm

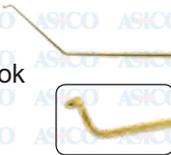


Ang 'Push' Hook

Specially designed Micro Hook for ClarVista's Harmoni lens

AE-2201

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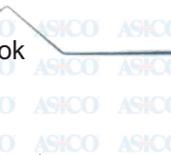


Ang IOL Hook

Specially designed Micro Hook for ClarVista's Harmoni lens

AE-2202

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Uy Advanced IOL Manipulator

Ideal design for ClarVista's Harmoni lens

AE-2203

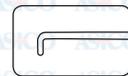
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Sinskey II

IOL Manipulating Hook, Straight

AE-2206



Price-Sinskey Hook

AE-2207

Straight



Sinskey II

IOL Manipulating Hook, Angled

AE-2208



Sinsky

No Hole IOL Manipulating Hook

AE-2209



Chee

Suture Retrieving Hook

AE-2210

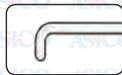


Harris-Sinsky

IOL Manipulating Hook

AE-2212

Blunt tip

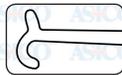


Double Hook

IOL Manipulator & Iris Retractor

AE-2218

Ideal for “side to side” and “up and down” lens manipulation and for stretching the anterior capsule



Bahr-Maltzman

Hook

AE-2219

Ideal for manipulation at the haptic-optic junction of “No Hole” IOLs; Hook is bent to the right for easy clockwise rotation



Fenzl

Hook

AE-2221

Lens manipulating hook



Maltzman-Fenzl

Modified IOL Manipulator

AE-2222

Bent slightly forward to decrease incidence of disengagement at the haptic-optic junction; Angled bend in shaft.

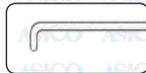


Jaffe

IOL Manipulator

AE-2223

Angled



Beehler

Irrigating Pupil Expander

AE-2225

Ideal for small incision clear corneal procedures



Kuglen

Iris Hook & IOL Manipulator

AE-2230 Straight

AE-2231 Angled



Little

No Hole IOL Manipulator, Straight

AE-2234

Engages the haptic-optic junction to manipulate the IOL



Lewicky

IOL Manipulating Hook

AE-2240

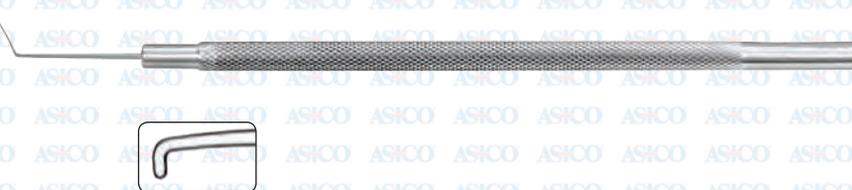
Blunt tip; Angled with curved shank



Kratz

IOL Manipulator

AE-2241



Tennant

IOL Manipulating Hook

AE-2250



Jaffe

IOL Spatula

AE-2310

Flat, smooth tip



Obstbaum

IOL Spatula

AE-2320

Flat tip



Paton

Spatula & Spoon

AE-2321



Wheeler

Spatula

AE-2322

Lightly curved



Slade

Femto Episweeper

AE-2323

Unique beveled tip with a curved shaft that allows it to sweep the epithelial cells off the capsule rapidly and efficiently



Slade

Femtosecond Ball Chopper

AE-2324

Shaft is curved to precisely clear the surface of the nucleus for maximum efficiency



Slade

Femtosecond Spatula

AE-2326

Designed with a flat tip; Used to open the main and sideport incisions made by the femtosecond laser procedure



Ahn

DMEK Rake

AE-2327

Allows for careful separation of the donor Descemet's membrane without direct contact to the endothelial surface



John

DMEK Crystal Spatula

AE-2328 Large

AE-2329 Small



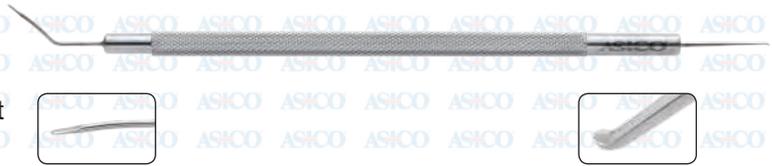


Lane

Femtosecond Cataract Incisional Spatula

AE-2331

Specially designed double-ended instrument for opening femtosecond incisions



Yeoh

Femto-Incision Double-Ended Spatula

AE-2332

Beveled tips help find the cleavage plane made by the femtolaser; Spatula opens the main and sideport incisions in femtosecond cataract surgery



Zaldivar

KAMRA® Marker

AE-2334 1.6 mm (Image not shown)

AE-2339* 3.8 mm

KAMRA® is registered trademark of Acufocus Inc



Kobayashi-Busin

DSAEK Glide

AE-2335

Circular tissue holder for better centering the donor; Same internal diameter as the original Busin glide



Tan

DMEK Stripper

AE-2336

Designed to facilitate DMEK donor dissection with minimal risk of radial Descemet's membrane tearing



Tan

Femto Lamellar/SMILE Dissector

AE-2337

Opens femtosecond incisions prepared by the laser



MC Arbelaez



Double Marker

AE-2338

Easily and accurately aligns and centers the inlay in the cornea; Markings represent circles of 1.6 mm and 3.8 mm; Flat handle design



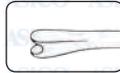
Aker



IOL Pusher

AE-2401

Used for pushing the IOL



Machat

KAMRA® Double Circle Marker

AE-2402

1.6 mm inner circle is used to more precisely place the marking on the first Purkinje light reflex; 3.8 mm outer circle guides the surgeon for ideal alignment and placement on the visual axis; Round handle design



Jod Mehta



SMILE/Pocket Dissector

AE-2403

Elongated hook with laser lines on one side aids in identifying the correct planes for the lenticule size; Dissector end is used to release the lenticule



Jod Mehta



SMILE Epithelial/Lenticule Remover

AE-2404

One end acts as a guide to the exact edge of the lenticule, while the other end has a curved spoon shape to allow safe removal of epithelium

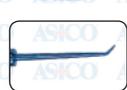


Manche

SMILE Dissector

AE-2405

Small-sided beveled tip allows for easy opening; blunt dissector head allows for easy cleavage of tissue planes



Lester

IOL Pusher

AE-2410 Straight

AE-2411 Angled



Lester

No Hole IOL Manipulator

AE-2412

Hourglass-shaped tip for IOL manipulation



Maloney

No Hole IOL Manipulator

AE-2413

Hourglass-shaped tip for IOL manipulation



Machat

KAMRA® Pocket Dissector

AE-2414

Blunt end dissects the femtosecond-created pocket with ease and minimal tissue trauma



Machat

KAMRA® Pocket Lifter

AE-2416

Designed to open the mouth of the pocket during the introduction of the KAMRA® inlay



Crandall

Manipulator

AE-2417

Multi-use manipulator with a ball tip for safe and effective manipulation of the nucleus;
 With a 110 degree bend; Like a "Connor wand"



Machat

KAMRA® Repositioning Spatula

AE-2418

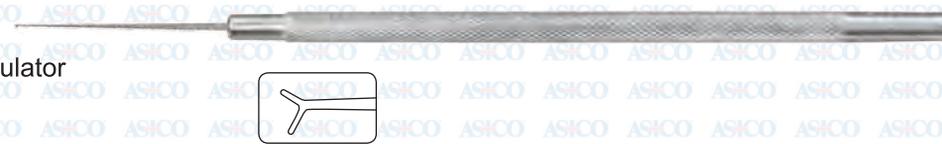
Flat, blunt tip



Osher

"Y" Hook No Hole IOL Manipulator

AE-2419



Zaldivar

ICL® Manipulator

AE-2420

Designed for myopic and hyperopic lenses



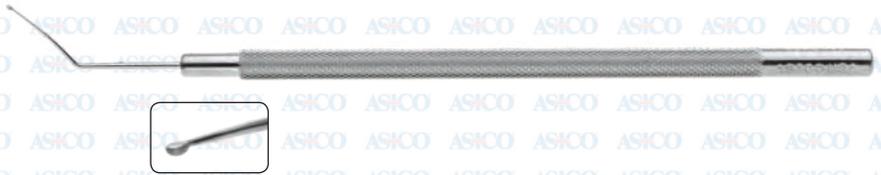
Battle

ICL[®] Manipulator

AE-2421

Manipulates inferior and superior haptic of lens to place under the iris; Posterior surface is micro-sandblasted

ICL is a registered trademark of Staar

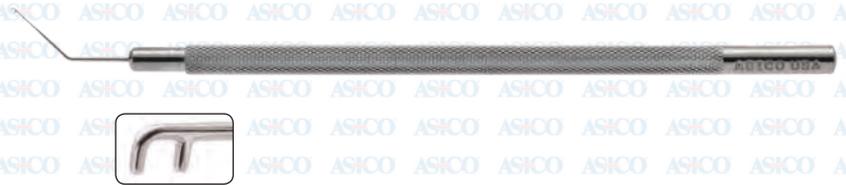


Spadafora

MemoryLens[®] Dialer

AE-2422

Dual prongs straddle the superior haptic in a secure manner to dial lens into position in the capsular bag spadafora Memory lens dialer



Ichikawa

Double-Ended ICL[®] Manipulator

AE-2423

Allows manipulation from both sides

ICL is a registered trademark of Staar



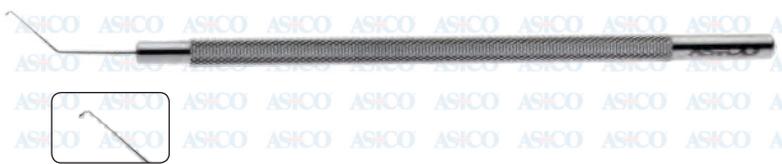
Neuhann

ICL[®] Manipulator

AE-2425

Grasps the lens in the chamber for exact placement and manipulates the position of the lens as required

ICL is a registered trademark of Staar



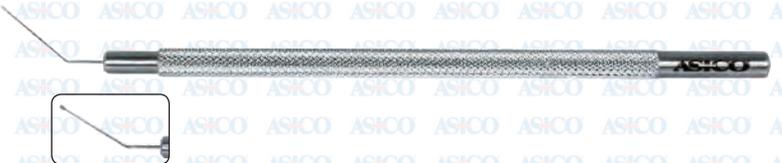
Kitazawa

ICL[®] Manipulator

AE-2426

Used for grasping ICL lens for exact placement and positioning

ICL is a registered trademark of Staar



Crandall

USC Glaucoma Scleral Planer

AE-2430

Dual cutting edges rapidly remove layers of sclera to unroof Schlemm's Canal for viscocanalostomy and other noninvasive trabeculotomy procedures

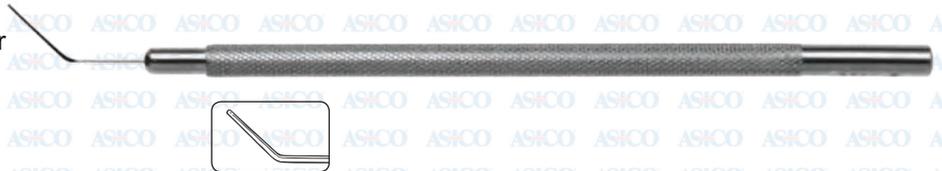


Crandall

USC Glaucoma Scleral Shaver

AE-2431

Cutting edge removes layers of sclera to unroof Schlemm's Canal for viscocanalostomy and other noninvasive trabeculotomy procedures





Uy

Laser Lens Fragmentation Combo Manipulator
AE-2433

Double-ended instrument featuring a chopper/
stabilizer and a lens manipulator



Drysdale

Manipulator

AE-2497

Features a paddle-shaped
tip to maximize surface area;
Rounded edges



Espailat-DeBlasio

Nucleus Rotator

AE-2499

Rotates and manipulates the
nucleus and IOL; Retracts iris



Bechert

Nucleus Rotator

AE-2500

Blunt fork tip



Jaffe-Bechert

Nucleus Rotator

AE-2501

Blunt fork tip; Long handle



Koch II

Phaco Manipulator

AE-2502

Combines a smooth tip and two
grooves to increase versatility without
compromising safety; Used in the
posterior chamber



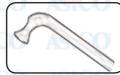
PHACO MANIPULATORS • 超音波乳化吸引マニピュレータ

Graether

Sideport Manipulator

AE-2504

For stretching iris through paracentesis



Koch

Phaco Manipulator & Splitter

AE-2505

Thin, smooth spatula can push, rotate, lift, and split nucleus; Also protects posterior capsule and cornea



Mandel

Nucleus Manipulator

AE-2506

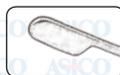


Kellan

Nucleus Segmentor

AE-2507

Paddle-shaped to split nucleus



Tennant

Nucleus Manipulator

AE-2508

To split and rotate nucleus



Little

Malleable Spatula

AE-2509

Malleable tip allows for customized configuration to manipulate nucleus



Johnson

Spatula

AE-2511

With sharp tip for nucleus manipulation and stab technique



Maloney

Nucleus Rotator

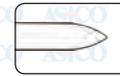
AE-2512 With spatulated tip

AE-2513 With forked tip

For manipulating hard and soft nuclei



Soft



Hard



Soft



Hard

Kellan

Nucleus Rotator & IOL Guide

AE-2514

Broad tip securely manipulates nucleus during phaco procedure;
Can also be used to guide lens into capsular bag



Nagahara



Phaco Chopper

AE-2515 90° cutting edge

Can be used by right or left-handed surgeon



Nordan

Capsule Elevator

AE-2516

For in-the-bag IOL placement



Nagahara



Phaco Chopper IV

AE-2517 60° cutting edge

AE-2517A 60° cutting edge, curved

AE-2517L* 60° cutting edge, for left-handed surgeons; 60° cutting edge cuts in the direction of the phaco handpiece



*AE-2517L is designed to be used in the right hand for left-handed surgeons



Lieberman

Microfinger

AE-2518

Stabilizes, positions, retracts, and lifts lens to facilitate efficient emulsification; Iris spatula is useful for various manipulations in anterior segment surgery



Koch-Nagahara

Spatula & Chopper

AE-2520

Cutting edge of chopper is 60° to cut towards phaco tip; Manipulator pushes, rotates, lifts, and splits, also serving as a protective barrier between phaco tip and posterior capsule



Kammann

Prechopper

AE-2521 Angled, superior

AE-2522 Straight, temporal

Divides nucleus into 4 quadrants before phaco to significantly reduce phaco time and risk of damaging endothelium

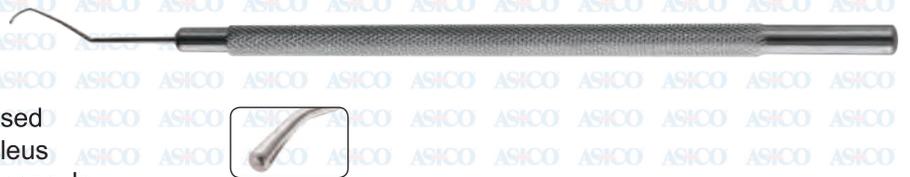


Minami

"M" Hook™

AE-2523

Chopper, splitter, dissector; Tip used for dividing and manipulating nucleus material from all directions in the capsule



Friedman-Koch

Universal Chopper & Spatula

AE-2524

Double cutting edges of chopper enhance chopping in either direction and can be used by right or left-handed surgeon; Indented manipulator retracts and stretches iris while providing greater traction for manipulation of the nucleus



Akahoshi



Nucleus Sustainer

AE-2525

Protects zonules when used with Akahoshi prechoppers on nuclei of grades 3-5



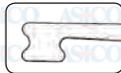
Friedman



Phaco Manipulator

AE-2526

Broad surface facilitates nucleus cracking; Curved ends act as push-pull tool for manipulation of iris, IOL, nucleus, or anterior capsule



Olson



Phaco Chopper

AE-2527

AE-2527L For left-handed surgeons; 60° cutting edge; Bottom plate hugs posterior surface of nucleus to efficiently cleave nucleus; Protrusions on front surface of chopper retracts iris and anterior capsule



Koch



Minami Chopper

AE-2528

Can be used as a divider, dissector, manipulator, and protector; Smooth, round tip does not damage posterior capsule



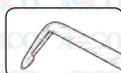
Nagahara



Karate Chopper

AE-2529

For quick-chop technique on nuclei of grades 3 or higher; Spear-shaped tip chops nucleus; Recommended to set phaco at aspirate mode to fixate nucleus with phaco tip



Akahoshi



Nucleus Manipulator

AE-2530

AE-2530L For Left-handed surgeons Long tip supports the deepest part of the nucleus; Small micro-ball is easy to manipulate and use through sideport



Vukich

ICL® / Toric Lens Manipulator
AE-2531

Designed to allow gentle positioning of the ICL® haptics under the iris plane

ICL is a registered trademark of Staar



Miyoshi

Chopper
AE-2532

Ergonomically designed; Allows ease of chopping with minimal movement; Separating the posterior plate of the nucleus is easy due to the chopper's angle and rounded tip

AE-2532S

Allows easier manipulation through a 0.6 mm sideport incision



Nagahara

Tomahawk Chopper
AE-2533

Distinct shape of the spatula allows for wider contact of the nucleus



Inamura

RACE Chopper
AE-2534

Angled tip is used to elevate the nucleus away from the posterior capsule toward the phaco tip for phaco efficiency

RACE means Rotational Anti-Clockwise



Akahoshi

Nucleus Ring Sustainer
AE-2536

Used to manipulate a hard nucleus during the prechopping technique

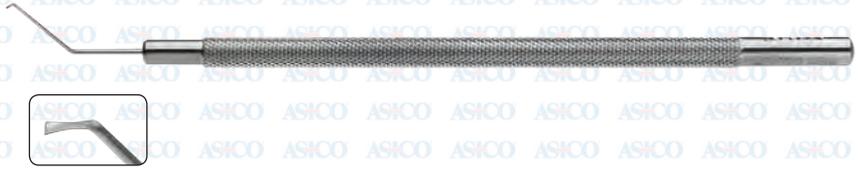


Lane

Quick Chopper

AE-2537

Broad, ax-like tapered end penetrates even the hardest nuclei while avoiding the sharp point-like ends of some quick choppers

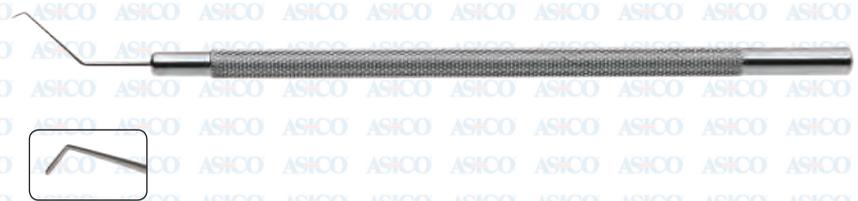


Harry-Yamada

Phaco Chopper

AE-2539

Sharp, polished edge on right side of the chopper tip easily cuts soft to moderate nuclei



Lewis

Lens Loop

AE-2540

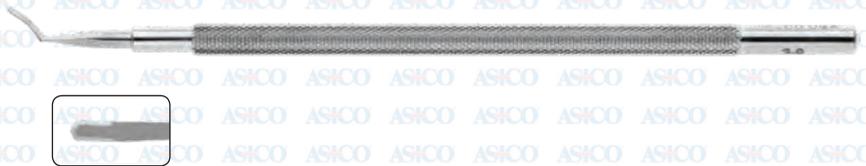


Tan

Micro Lamellar Dissector

AE-2541

Used to initiate dissection of the anterior half of corneal stroma after partial trephination of the cornea

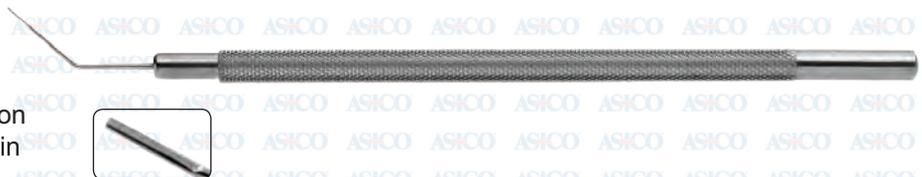


Iori

Phaco Easy Cutter

AE-2542

Designed for Tilt & Crack technique and allows the surgeon to perform phacoemulsification in less time

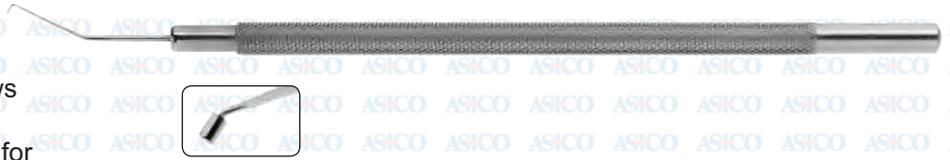


Naomi

Phaco 3D Divider

AE-2543

“3D” part of the chopper allows for contact of the nucleus on any one of the three surfaces for effective manipulation



Nagahara-Ahn

Small Pupil Chopper

AE-2544

Modified Nagahara chopper with shorter, 1.25 mm inner cutting edge for small pupils or floppy iris syndrome; Notch on the blunt side retracts the pupil



Morrison

Lens Loop

AE-2545

Olive Tip



Lubeck

Horizontal Chopper / Nucleus Sustainer

AE-2546

60° Nagahara chopper on one end to chop towards phaco handpiece; Akahoshi sustainer on the other end to rotate and manipulate the lens



Tan



Large Lamellar Dissector

AE-2547

Used to complete dissection of the anterior corneal stroma after initial dissection with the micro dissector

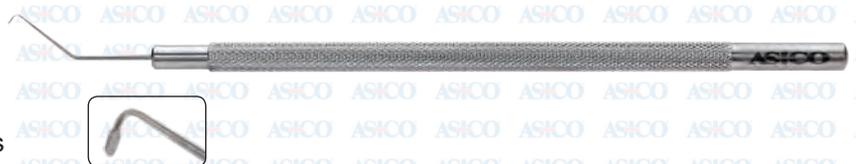


Aguilar

Sustainer

AE-2548

Designed to take into account the peripheral curvature of the lens; Holds the lens securely during the counter traction technique



PHACO MANIPULATORS

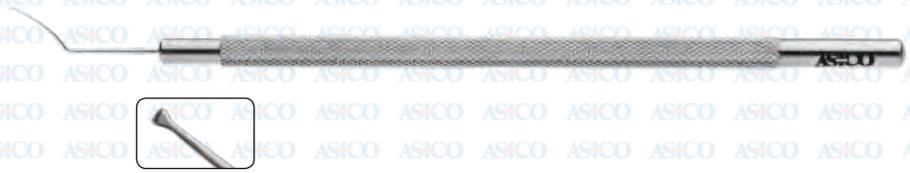
Tan



Marginal Dissector

AE-2549

Used to effectively separate any remaining stromal attachments from Descemet's membrane at the periphery of the big bubble



New Orleans

Lens Loop

AE-2550



Escaf

Nucleus Sustainer

AE-2551

Used through the sideport incision after hydrodissection; Holds the nucleus when making the fracture with the ultrachopper



Escaf

Nucleus Manipulator

AE-2552

Used post-nucleus fracture; Works through the sideport incision in guiding fragments of chopped nuclei towards the phaco tip

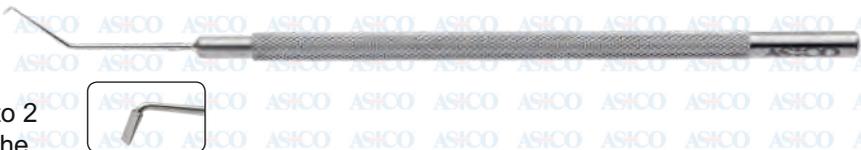


Escaf

Nucleus Divider

AE-2553

Used through the sideport incision; Helps initially fracture the nucleus into 2 parts; Can be used to further divide the nucleus based on surgeon



Kansas

Lens Loop

AE-2554

Used for small incision nucleus fragment removal

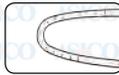


Wilder

Lens Loop

AE-2556

Serrated



Yeoh

Toric IOL Manipulator

AE-2557

Rounded ball tip allows for safe manipulation of toric IOLs



Vera

Fixation Hook

AE-2558

Vera Fixation Hook, for XEN implant



Nagy

Femto Chopper

AE-2559

Cracks the nucleus along the fragmentation lines created by the femtosecond laser



Barraquer

Lenticular Spoon

AE-2560

For corneal transplant surgery



Culler

Lens Spoon

AE-2561

Sterling silver



Izquierdo

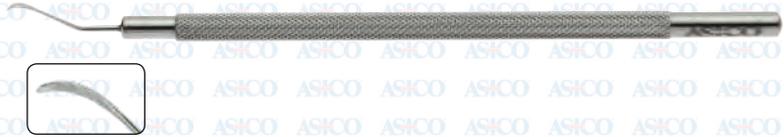


Femtosecond Manipulator

AE-2562 Left

AE-2564 Right

Mainly used to facilitate the manipulation of the nucleus, to fracture the lens, and to solve intraoperative complications such as the rupture of the posterior capsule even with remains of the lens within the anterior chamber



Buratto

Contact Lens Holder, Manipulator & Spatula

AE-2563

Places and positions contact lens after PRK procedure



Yoneda



Divider, Right

AE-2566

Ergonomically designed to allow ease of chopping with minimal movement



Bunge

Evisceration Spoon

AE-2570



Aguilar



Chopper

AE-2571

Double-ended chopper; Can be used for soft and hard nuclei



Fonseka



Chopper

AE-2572

Unique tip features a groove which can chop, pivot, and penetrate dense nuclei grades 3-5



Chang

DUO Quick Chopper

AE-2573

Vertical chopper on one end;
Horizontal (Microfinger) chopper
on the other

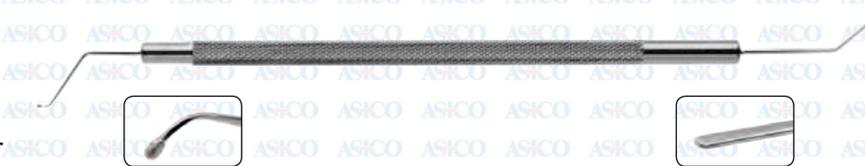


Espiritu-Caparas

Chopper

AE-2574

Verges style horizontal chopper
on one end with 0.8 mm spatula
on other end



Asami

Chopper

AE-2575

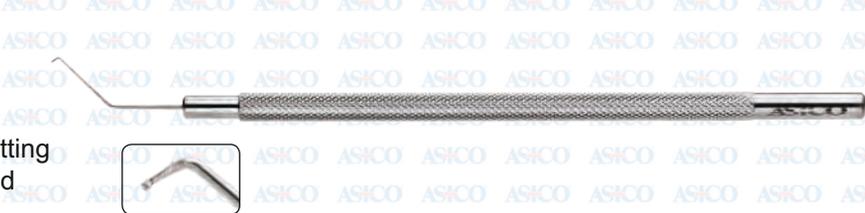


Crandall-Nagahara

Chopper

AE-2576

Features a 60 degree inside cutting
edge; Unique 110 degree angled
tip allows better visibility during
phacoemulsification



Asami

Chopper II

AE-2577



Rosen

Phaco Splitter

AE-2578

Wedge-shaped inferior
edge with blunt tip





Crandall

Chopper

AE-2579

Rounded, blunt, olive tip and offset inferior wedge; Designed with a 110 degree bend



Wells

Enucleation Spoon

AE-2580



Perez



Loop Device

AE-2581



Vera

Fixation Hook for XEN® Stent

AE-2588

This special hook is used to facilitate XEN implantation via sideport to fixate the eye and create counter pressure



Miyoshi



Wound Assist Manipulator 2

AE-2592

Used for manipulating the IOL

AE-2593

Wound assist Chopper, flat shaft design

Consistent thickness part of the shaft assists in avoiding the stretching of the wound.



Kansas

PhacosectionSM Nucleus Trisector

AE-2612

For manual small incision surgery to divide the nucleus into 3 pieces



Kansas

PhacosectionSM Solid Nucleus Vectis

AE-2618

For right-handed surgeon; Used as a cutting board for Kansas nucleus trisector



Hoffer

Optic Zone Marker

AE-2700 3.00 mm

AE-2704 4.00 mm

AE-2708 5.00 mm

AE-2713 9.00 mm

With fine crosshairs and a low profile



John CORNEA

DXEK / DSAEK Double-Ended Marker

8.00 / 9.00 mm

AE-2712

Used to mark recipient and donor cornea based on surgeon's preference at 8 or 9 mm



Machat

PRK Optical Zone Marker

AE-2715

Incises epithelium to provide excellent starting point for mechanical epithelial debridement; For myopia



Berkeley-Thornton

Double-Ended Optic Zone Marker

AE-2720 3.00 mm - 3.25 mm

AE-2722 4.00 mm - 4.25 mm

AE-2723 4.50 mm - 5.00 mm

AE-2725 5.50 mm - 5.75 mm



Berkeley-Thornton

Single-Ended Optic Zone Marker

AE-2726 4.75 mm

AE-2727 5.25 mm



ASICO

CCC Double-Ended Marker

AE-2728 5.0 mm / 5.5 mm

AE-2729 5.6 mm / 5.75 mm

designed by Dr. Hata

AE-2728S 5.5 mm, single-sided design by Dr. Akahoshi



Grandon

T-Marker

AE-2731 2.5 mm

For correction of astigmatism



Nuijts-Solomon

Toric Axis Marker with Peg

AE-2740H

Peg acts as reference guide to center on the cornea without compromising visibility



Nuijts-Solomon

Toric Axis Marker with 5.00 mm Center Opening

AE-2740N

Circular opening for maximum visibility



Maloney

Astigmatism Keratometer

AE-2743

Projects multiple rings on cornea for qualitative evaluation of astigmatism



Maloney

Astigmatism Axis & Incision Marker

AE-2746

Marks 7.0 mm optic zone with two 3.0 mm parallel lines 1.0 mm apart



Grene

Visual Axis Marker

AE-2747

Used to mark the position of the pupil on the cornea



Miyata

Axis Marker

AE-2748

Creates 5 mm line on the cornea for toric axis marking using an electronic imaging technique



Thornton

Radial Incision Marker

AE-2750L 6 blades



Nordan

RK/AK Marker

AE-2754 8 blades

For radial keratotomy and compound myopic astigmatism



ASICO

Triple Ring Marker

AE-2756

Low profile; Ideal for pachymeter measurement



Vinciguerra



Corneal Transplant Marker
AE-2757

For full cornea transplant



Hofmann-Thornton

Globe Fixation Ring

AE-2761

With atraumatic teeth and swivel handle for refractive surgery procedures



Fukuyama

Fixation Ring

AE-2762

Has an open angle of 140 degrees, allowing for ease of use of LRI diamond knife with no risk of contacting the fixation ring



Villasenor-Navarro

Degree Gauge Temporal

AE-2763N

Atraumatic fixation teeth; Laser lines every 10 degrees; Handle at 0 degrees to hold temporarily



Zaldivar

Degree Gauge Superior

AE-2764N

Atraumatic fixation teeth; Laser lines every 10 degrees; Handle at 90 degrees to hold superiorly



Mendez

Degree Gauge

AE-2765N

Laser lines every 10 degrees;
Handle at 0 degrees to hold temporarily



Vinciguerra

PRK Spatula

AE-2766

For epithelial debridement



Maloney

PRK Spatula

AE-2767

For epithelial debridement



Lindstrom

PRK / LASIK Spatula

AE-2768

Golf club end is used for epithelial debridement during PRK, and spatula lifts flap during LASIK



Whitten

LASIK Tool

AE-2772 Short handle

AE-2773 Long handle

Smooth, blunt spatula lifts flap; Blunt golf club end sweeps stromal bed for moisture



Güell

LASIK Retreatment Spatula

AE-2774

Thin, blunt end dissects epithelium bond; Blunt golf club end gently removes epithelial extensions in interface without damaging underlying stroma; Also for primary treatments



Grene

B-DORK Probe

AE-2775

Blunt dissection of radial keratotomy is a simple technique to gain approximately 1/2 diopter increased effect following RK; Probe is inserted into each RK incision to break stroma-to-stroma adhesion throughout the incision



Hersh

LASIK Retreatment Spatula

AE-2776

Breaks epithelial flap adhesion and lifts flap without driving epithelium or debris into interface



MacRae

Flap Flipper & Retreatment Spatula

AE-2777

Spatula lifts, repositions, squeegees, and removes wrinkles from flap; Sharp inner edge of v-shaped end dissects epithelium bond



Machat

KAMRA™ PLK Flap Edge Marker

AE-2779

Designed to mark the LASIK flap edge temporarily at the slit lamp to allow visualization for proper and safe positioning while applanating with the femtosecond laser



Slade

Arcuate Marker

AE-2782 45 degree

AE-2783 60 degree



Thornton

360° Arcuate Marker

AE-2788 6 mm ID, 8 mm OD

AE-2789 5 mm ID, 7 mm OD

Marks every 10 degree



Nuijts-Lane

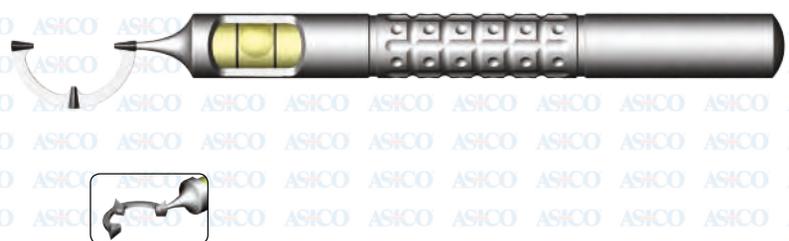
Pre-Op Toric Reference Marker with Bubble, Titanium

AE-2791TBL

Bubble level aids in accurately marking the eye temporarily; Marking pattern is located on both sides for marking the left and/or right eye

AE-2791BLP

Bubble level piece



Pre-Op

Toric Reference Marker

AE-2793D

Marking pattern is located on both sides for marking the left and right eye temporally; Lightweight, all titanium body



Pre-Op

Toric Reference Marker Single Side

AE-2793S

Pre-op toric reference marker with single side open view



Intra-Op

Toric Axis Marker II with 5 Degree Markings

AE-2794N

Marker and degree gauge in one; Cutouts for precise alignment; Markings every 5 degrees



Graether

Half Circle Axis Marker

AE-2798N

Intra-op marks provide a gap of 6 mm between the marks, thereby giving a guide for capsulotomy



Neuhann-Nuijts

One-Step Toric Marker

AE-2799T

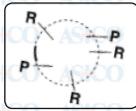
Pre-op and intra-op markings all in one; Can be used for smaller eyes



Bansal

LASIK Marker

AE-2800



Machat

Superior Flap LASIK Marker

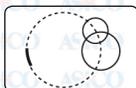
AE-2801



Machat

LASIK Marker

AE-2803



Christenbury

LASIK Marker

AE-2808



Perone

LASIK Marker

AE-2809



Koch

LRI Marker

AE-2811

For limbal relaxing incisions;
Marks chord lengths of 4.5 mm,
6.0 mm, and 8.0 mm



Fukuyama

LRI Marker 60 Degree

AE-2812

Marks every 10 degree for a total of
60 degree from the 9 mm - 11 mm
Diameter of the cornea



Hoffman-Buratto

LASIK Marker

AE-2817



Buratto

Superior Flap Holder

AE-2819

Elevates superior flap to avoid contact with
conjunctiva, cilia, eyelids, and secretions of
the meibomian glands during laser ablation
Diameter of 20mm



Buratto

Flap Retractor & Protector

AE-2821

Retracts hinge for maximum exposure of bed and protects flap from laser ablation



Maloney

Flap Flipper & Squeegee

AE-2825

Flat profile at tip lifts flap, while round part of spatula removes wrinkles and excess fluid under cap and repositions flap



Slade-Probst

LASIK Spatula

AE-2826

Used for protection of the flap during hyperopic ablations



Lehmann

Intralase Spatula

AE-2827

The smooth tip enables easy entry under the flap without adjacent epithelial damage or disruption

AE-2827S

Semi-sharp edge



Holladay

Retreatment LASIK Spatula

AE-2828

Spatula effectively lifts the flap and separates the epithelium for retreatment procedures

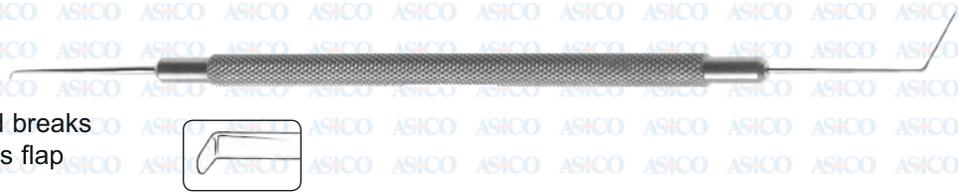


Machat

LASIK Retreatment Spatula

AE-2830

Angulated tip separates and breaks epithelium bond; Spatula lifts flap



Vidaurri

LASIK Retreatment Spatula

AE-2831

Facilitates the enhancement procedure without making a new cut



Slade

LASIK Retreatment Spatula

AE-2832

AE-2833 With serrations



Maloney

Enhancement Hook

AE-2834

Used for LASIK



Kritzinger-Updegraff (KU)

LASIK Flap Elevator & Manipulator

AE-2835

Elevator cuts clean edge through the epithelium; Manipulator lifts flap



Misra-Koch

LASIK Retreatment Spatula

AE-2839



Buratto

Striae Probe

AE-2841

Tests adhesion of LASIK flap to stroma



Pineda

LASIK Iron

AE-2844

Removes wrinkles from flap



Milne

CK Light Touch Marker

AE-2845 6.0 / 7.0 / 8.0 mm

AE-2846 6.5 / 7.5 / 8.5 mm

AE-2847 7.0 / 8.0 mm



Modi

Low Profile Intra-Op Toric Axis Marker

AE-2848N

Two-in-one design that frees up one hand of the surgeon





John

ALK Marker

AE-2849

Helps in uniform suture placement to attach the donor cornea to the anterior recipient corneal bed



Kobayashi



DSAEK Scleral Marker

AE-2851

Large donor marker with a diameter of 16.0 mm



Miyata



Toric Axis Marker

AE-2852



Kobayashi



DSAEK Scleral Marker 18/20 mm

AE-2853

Double-ended DSAEK scleral marker with one 18.0 mm end and one 20.0 mm end



Koch

LRI Axis Marker

AE-2863

Used to mark the cornea at 9.5 mm



Arnold

AK Marker

AE-2865

The OZ diameter of 9.0 mm avoids the limbal vessels which are routinely cut with a 10.0 - 10.5 mm marker



Pineda

DWEK 4mm Marker,
12 marking dots

AE-2867

Marks 4mm circular pattern of dots;
Medium profile marker with cross-hairs

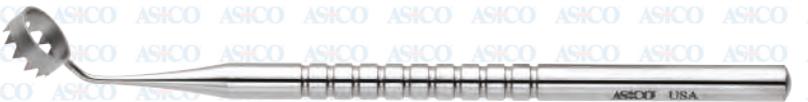


Kobayashi

DSAEK Marker

AE-2868

Designed to mark the cornea in dots
along the circumference to prevent the
ink from running



Kobayashi

DALK Spatula with Knife Guide

AE-2869

This spatula/dissector has a special
groove to facilitate dissection of residual
stroma after creating the big bubble
while protecting Descemet's membrane
from the sharp knife



Tsubota

DLK Spatula

AE-2870

Semi-sharp; Ideal for separating the
stroma from Descemet's membrane
during DLEK/DSAEK/DXEK procedures



John



Dexatome DMEK / DSAEK Spatula
AE-2872

The unique design of this spatula helps in smooth, uniform removal of endothelium



John



DXEK / DSAEK Descemet's Stripper
AE-2874

Unique design allows for excellent apposition to the inner-dome curvature of the recipient cornea, allowing for uniform detachment of the host DM without damage to the corneal stroma

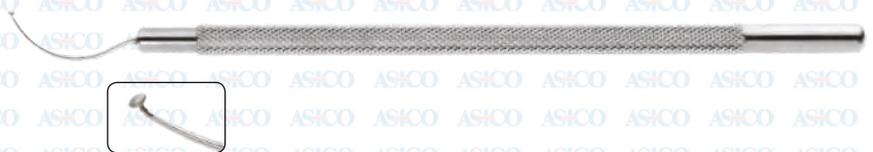


John



DXEK / DSAEK Stromal Scrubber
AE-2878

Designed to effectively roughen the inner corneal stroma within the Descemetorhexis circle



John



DXEK / DSAEK Glider
AE-2879

Unique design and curvature allows for corneal contour-oriented contact between the outer corneal dome and the inner surface of the glider



Kobayashi



Interface Fluid Drainage Spatula
AE-2899

Used for inserting into the venting incision to release trapped fluid in DSAEK



Sarnicola



Big Bubble Spatula
AE-2900

Helps to create an inner corneal tunnel





**ALK Pre-Descemet's Membrane Spatula
AE-2902**

Effectively and safely dissects corneal stroma adjacent to the recipient DM without any significant added risk of tearing the DM



**ALK Narrow Stromal Spatula
AE-2904**

Facilitates layered separation of the anterior, mid, and deeper corneal stroma; Features a flat lower surface and multi-curved convex top surface



**ALK Compression Disc
AE-2905**

Designed to be used on the surface of the cornea to press down the donor disk during total ALK with fibrin glue



**Carones
PRK Dispenser
AE-2910**

Tip orifice diameter of 4.0 mm; Pump chamber is filled with alcohol by removing the end cap



Optic Zone

PRK Cannula for Dispenser

AE-2911 7.0 mm

AE-2912 9.0 mm

AE-2913 9.5 mm

AE-2914 10.0 mm



VRTIS™ VR by **ASICO**

ILM Spatula

AE-2916 27 gauge

AE-2917 23 gauge

AE-2921 25 gauge



Vinciguerra

LASEK Spatula

AE-2922



VRTIS™



Horio ILM Spatula, 25 gauge

AE-2923

Dull tip end with sharp side edges for safe membrane elevation and separation



Josephberg-Hilton

Trocar Fixation Plate
AE-2925C 3.5 mm
AE-2926C 4.0 mm



Inamura

Toric Marker

AE-2927
 Designed for Asian eyes, the four point toric marker is ideal for use pre-operatively



AXsys®

Toric Reference Marking Device

AE-2929
 Marks 0 degree and 180 degree on patient's eye pre-operatively
AE-2929H Handle only
Patented device : USP 9,668,920



**Patented device :
 USP 9,668,920**

AXsys®

One Step Electronic Toric Marking Device

AE-2930
 Only device that uses the sense of sight and sound to help the surgeon pinpoint the horizontal axis easily and accurately; One-step marker marks intra-operative marks pre-operatively



AE-2930C Axsy One Step Electronic Marker
AE-2930H Handle Only with CCC marker
AE-2930M With 5.5 mm CCC Marker
AE-2939 Electronic head only
Patented device : USP 9,668,920

**Patented device :
 USP 9,668,920**





Akahoshi

Intra-operative Axis Marker with
CCC Guide
AE-2933

Outer diameter is as small as 10.0 mm
to mark the desired axis intra-operatively;
The inner distance between the blades is
5.0 mm indicating the ideal CCC size



Kraff

IntraLase™ Centering Device
AE-2934

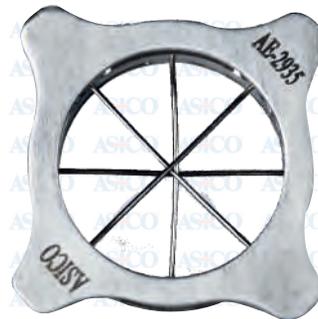
Designed to be used with the
IntraLase™ suction ring to increase the
accuracy in centering the suction ring's
placement on the patient's eye



Holladay

IntraLase™ Double Crosshair Centering Device
AE-2935

Double crosshair avoids parallel error



Horiguchi

ILM Spatula
AE-2951 25 gauge

The strong curve of this dull-tipped
spatula provides safe separation of the
proliferative membrane from the retina



Seibel

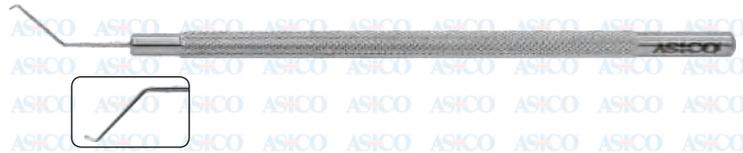
Vertical Safety Quick Chopper

AE-2960

Right Hand Dominant

Ideal for vertical chopping

For use in left hand, Stainless Steel



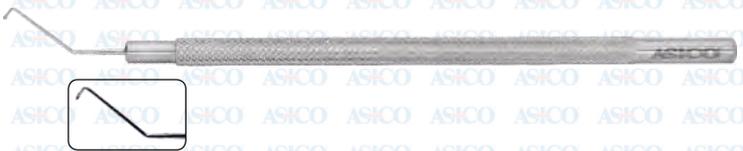
Kim

Double Chopper

AE-2961

For the Double Chop and Cross

Chop technique



Chang-Seibel

Chopper Left

AE-2962

Combination chopper with the Chang MicroFinger and the Seibel Vertical Safety Chopper



Lieberman

Microfinger Left

AE-2963

The Lieberman MicroFinger features a curved, hourglass shaped tip for controlling, manipulating and cracking the nucleus during phaco surgery.



Anis

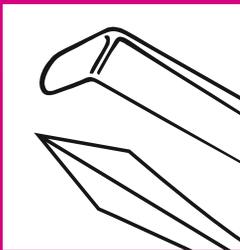
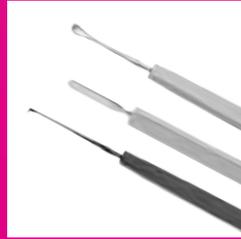
Ball Tip Manipulator Straight

AE-2964

Curved distal tip, elongated ball (0.6mm x 0.8mm)



AE-3000 Series



INNOVATIONS
for Better Outcomes®



ASICO® AE-3000 Series



Description	Page
• Foreign Body Spud	96
• Knives	96-97
• Spreader	97
• Blade Breaker / Holder	97
• Corneal Rust Ring Remover	97
• Pterygium	97

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Gill

Corneal Knife
AE-3020 Straight
AE-3021 Curved



Tooke

Corneal Knife
AE-3025
 Straight blade with curved cutting edge



Girard-Swan

Knife
AE-3030



Golf Club

Foreign Body Spud
AE-3039



Graefe

Cystotome Knife
AE-3050



McPherson-Ziegler

Knife
AE-3060

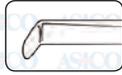


Suarez

Spreader

AE-3073

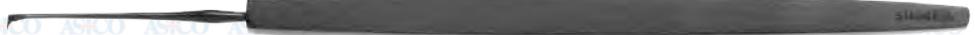
Semi-sharp edge for epikeratophakia



Wilder

Cystotome

AE-3080



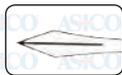
Vitrectomy

Knife

AE-3100 Short blade

AE-3101 Long blade

AE-3102 Handle only



Castroviejo

Blade Breaker & Holder

AE-3200 Small



Algerbrush

Corneal Rust Ring Remover

AE-3250 Complete

Includes handle, chuck, and 0.5 mm burr

AE-3251 0.5 mm burr only

AE-3252 1.0 mm burr only

AE-3255 Chuck for 0.5 mm burr

Battery powered



Algerbrush II

Pterygium

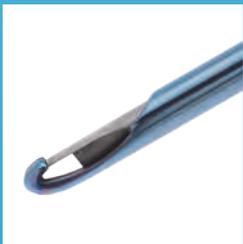
AE-3260

Complete set with 3.5 mm diamond-dusted burr

Battery powered



AE-4000 Series



INNOVATIONS
for Better Outcomes[®]



ASICO® AE-4000 Series



Description	Page
• Iris Forceps	100
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• IOL Cutter	116
• Suturing and Tying Forceps	117-118,120-123,132
• Capsulorhexis Forceps	118-120,123-127
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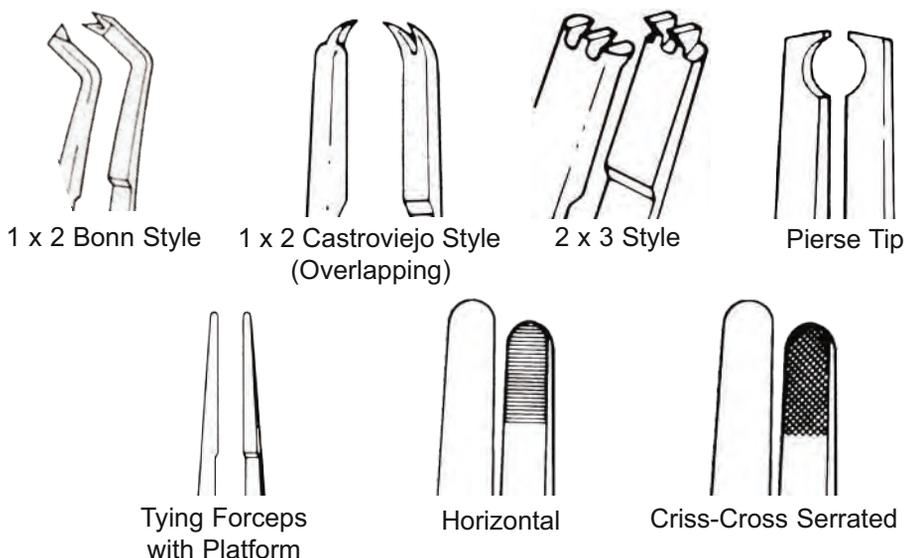
ICL is the registered trademark of **Staar Surgical USA**

ICMS-Intraocular Complication Management System-is the registered trademark of **ASICO LLC**

VRTIS: Vitreo Retinal Trocar Instrument set-is the registered trademark of **ASICO LLC**

SMILE is a registered trademark owned by Carl Zeiss

TYPES OF FORCEPS TIPS



Curved

Iris Forceps

AE-4002

Delicate, cross-serrated, lightly curved tips with serrated handle and polished finish



Gill

Curved Iris Forceps

AE-4011

1 x 2 teeth, 0.40 mm



Colibri

Forceps

AE-4030N

Very delicate; 1 x 2 teeth; 0.12 mm

AE-4031N

1 x 2 teeth, 0.4 mm; with 6.0 mm tying platform



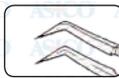
Gill-Colibri

Forceps

AE-4034

Very fine, pointed; 0.5 mm;

With platform



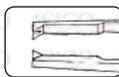
Harms-Colibri

Corneal Forceps

AE-4036N

Very delicate; 1 x 2 teeth; 0.12 mm;

With 6.0 mm tying platform



Pierse-Colibri

Corneal Forceps

AE-4038

0.10 mm; Atraumatic tips



Pierse

Corneal Forceps

AE-4039

0.10 mm; Atraumatic straight tips



Polack

Double Corneal Forceps

AE-4041

For corneal transplant surgery to fixate donor cornea for suturing; Very delicate; 1 x 2 teeth, 0.12 mm



Nordan

Colibri Forceps

AE-4045

Round, knurled handle with flat surface; 1 x 2 teeth, 0.12 mm; 5 mm tying platform



Castroviejo-Colibri

Forceps

AE-4049

1 x 2 teeth, 0.12 mm; With 5.0 mm tying platform

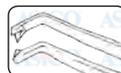


Castroviejo-Colibri

Forceps

AE-4050

Very delicate, 1 x 2 teeth, 0.12 mm



Tennant-Maumenee

Colibri Forceps

AE-4051N

With 5.0 mm tying platform;
1 x 2 teeth, 0.12 mm



Castroviejo

Colibri Forceps

AE-4053

With Pierce tips; 0.1 mm
Atraumatic teeth



Machat KAMRA™



PEK Forceps

AE-4058

Designed specially for KAMRA®
pocket procedures (PEK)

KAMRA® is registered trademark of Acufocus Inc



Machat KAMRA®



CLK Forceps

AE-4059

Ideal grasping platform for CLK

KAMRA® is registered trademark of Acufocus Inc



McPherson

Corneal Forceps, Straight

AE-4060N

With 6.0 mm tying platform; 1 x 2
teeth, 0.40 mm



McPherson

Corneal Forceps

AE-4061 Angled

With 6.0 mm tying platform;
1 x 2 teeth, 0.40 mm

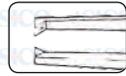


Kelman-McPherson

Forceps

AE-4070

With 7.5 mm tying platform;
1 x 2 teeth, 0.12 mm

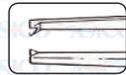


Hoffer-McPherson

Forceps

AE-4071

Very delicate; 1 x 2 teeth, 0.12 mm



Bonn

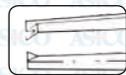
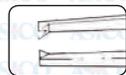
Forceps

AE-4080 Short model

1 x 2 teeth, 0.12 mm

AE-4081

Long model with 5 mm
tying platform



ASICO

Tooth Forceps

AE-4090

Designed with handles that allow a
better grip and have a precise finish
on the tips



Bishop-Harmon

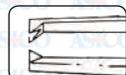
Tissue Forceps

AE-4100

Extra delicate; 1 x 2 teeth, 0.40 mm

AE-4101

Delicate; 1 x 2 teeth, 0.80 mm



Bishop-Harmon

Dressing Forceps

AE-4102

Criss-cross serrated tips



Dressing

Forceps

AE-4110 Straight

AE-4111 Curved

Serrated, delicate tips



Tissue

Forceps

AE-4120 Straight

AE-4121 Curved

1 x 2 teeth; 0.25 mm

Delicate tips



Neuhann

USC Glaucoma Forceps

AE-4130

Features delicate, serrated tips for micro-manipulation of the tissue to unroof Schlemm's Canal for deep sclerectomy and viscocanalostomy



Neuhann-Mermoud

USC Forceps

AE-4131 Straight

Straight with delicate tips for micro-manipulation of the tissue to unroof Schlemm's Canal for deep sclerectomy and viscocanalostomy



Bores

Corneal Fixation Forceps

AE-4150 Straight

U-shaped; 3.0 mm spread;
1 x 2 teeth at each tip, 0.12 mm

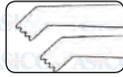


Bores

Incision Spreading Forceps

AE-4151

0.5 mm square jaws; With micro-serrations; Preset to limit opening of jaws



Nordan

Corneal Fixation Forceps

AE-4155 Curved

U-shaped; 8 mm spread; 1 x 2 teeth at end; 0.12 mm; With lock



Nakamura

Fixation Forceps

AE-4158

Used for corneal fixation



Thorpe

Forceps

AE-4159N

For corneal fixation; With laser lines



Elschnig

Fixation Forceps

AE-4160

Angled with 1 x 2 teeth, 0.90 mm



Graefe

Fixation Forceps

AE-4164

5.0 mm wide jaws; Multiple teeth



Green

Fixation Forceps

AE-4168

5.0 mm wide jaws; Multiple teeth

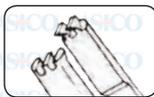


Lester

Fixation Forceps

AE-4172 1 x 2 teeth, 0.40 mm

AE-4173 2 x 3 teeth, 0.40 mm



Kellan

Fixation Forceps

AE-4175

With serrated and Pierse tips for fixation; Ideal for clear corneal surgery



Koch

Sideport Forceps

AE-4176

Paracentesis fixation device for topical anesthesia procedures



Akahoshi

Universal Forceps

AE-4180

For atraumatic holding and controlling the eye position



Akahoshi

Iris Hook Forceps

AE-4181

Broad and flat sandblasted forceps tips hold the iris retractor firmly and prevent rotation of the hooks; Can introduce the retractor head easily into the small corneal paracentesis



Akahoshi

Vienna Window Prechopper

AE-4183

Prechopper with broader surface; Blades provide better separation of the bisected nucleus



Patent pending

Brooks

Prechopper

AE-4186

Invaluable tool for safe and effective nucleus breakup; Prechopper can be used as effective cracker even in hard nucleus





Inamura

Soft Nucleus Prechopper

AE-4189

Designed for soft nuclei; 5.0 mm long blade with rounded off tip allows for easy division of the nucleus; For grades 1 to 2



Akahoshi

Combo II Prechopper

AE-4190

Designed to prechop soft nuclei grades 1 to 2 using the karate (vertical) prechop technique to reduce phaco time for the micro coaxial technique



AE-4190A

Combo II Prechopper, Thin tips

Designed with ultra thin blades to prechop nuclei grades 1 to 2.5 using the karate (vertical) prechop technique



Akahoshi

Super Combo III Prechopper

AE-4191

For nuclei of grades 1 to 3



Akahoshi

Universal II Prechopper

AE-4192

Used to safely and effectively prechop nuclei of grades 2 to 4



AE-4192A

Universal II Pre-Chopper, Thin tips

Designed with ultra thin blades; Used to safely and effectively prechop nuclei of grades 2 to 4; Recommended to use with sustainer (eg: AE-2530)





Hill

Prechopper

AE-4193

For nuclei grade 2 or lower



Aguilar

Prechopper

AE-4194

Smaller blades for easier entry through a 2.0 mm incision size



Patent pending



Nagahara

Chopper/Splitter 21G

AE-4195

Tip can also be used as a chopper



Patented Device

USP 8,262,682



Nagahara

Vertical Nucleus Chopper

AE-4196

Designed to crack the nucleus in femtosecond cataract procedure



Patented Device

USP 8,262,682



Akahoshi

Combo IV Double Edged Prechopper

AE-4198

Popular Combo Prechopper with thinner blades and double sharp edges, for Grade 1-4. Recommended to use with Nucleus Sustainer AE-2530



Patent pending





Sharp Paddle Prechopper

AE-4199

Paddle shaped Prechopper has no sharp angular edge; Grades 1-2; Thin blades easily insert into nucleus with out stressing ciliary zonules



Patent pending



Guell

DMEK Forceps

AE-4210

Broad tips to firmly grasp and remove the donor endothelium without tearing



Blaydes

Lens Holding Forceps

AE-4211

Angle to tip 10.0 mm; Very delicate, narrow, smooth jaws; 45 degree angle



Sarnicola

DMEK Stripper

AE-4212

Designed to complete the DM separation from the donor stroma, after using the peripheral dissector



Villarrubia

DSAEK Forceps

AE-4219

Enters through an incision opposite the main incision to gently guide the donor disk into the anterior chamber; Bonn style 1 x 2 teeth, 0.12 mm



Kobayashi-Tan



DSAEK Forceps

AE-4221 25 gauge

Enters through an incision opposite the main incision to gently guide the donor disk into the anterior chamber

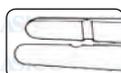


Kellan

Endocapsular IOL Insertion Forceps

AE-4222

Diameter of the tip is 0.15 mm for implantation of the superior haptic of the IOL



Vukich

ICL® Forceps

AE-4224

Long delicate jaws allow accurate positioning of the ICL® within the cartridge of the injector

ICL is a registered trademark of Staar Surgical



Tan



DSAEK/SMILE Forceps

AE-4226, 23 gauge

Designed to allow grasping the donor button on the stromal side to minimize the endothelial cell loss



John



DSAEK Insertion Forceps

AE-4227

Unique forceps design allows for distal tip contact first preventing tissue compression and protecting donor corneal endothelium



Lopez



DXEK/DSAEK Insertion Forceps

AE-4228, 23 gauge

Inserts the donor button directly through the incision



Kraff

Lens Holding Forceps

AE-4230

Delicate, curved jaws grasp optic edge of the lens



Sinsky

Lens Holding Forceps

AE-4237L With lock

Delicate T-shaped lower jaw which is ideal for biconvex, ridged, or plano lenses; Ideal for phakic lens implantation; 45 degree bend for superior approach



Lieberman

Micro-Ring Lens Forceps

AE-4240

Enables easy implantation of IOL haptic and optic; 15 degree angulation of jaws for comfortable hand position



Packo

Conjunctiva Forceps

AE-4244

For non-traumatic manipulation of the conjunctiva



Faulkner

Lens Holding Forceps

AE-4245N

Smooth, polished, rounded jaws which are ideal for picking up foldable IOLs from lens cases



Faulkner II

Lens Inserting Forceps

AE-4247



Akahoshi

Lens Holding Forceps

AE-4250



Buratto

Acrylic Lens Folder

AE-4252A

Ideal for 5.5 mm and 6.0 mm foldable IOLs; Consistently folds acrylic IOL evenly and equally; Design prevents IOL from reverse folding; Lenses can be folded 12-6 or 3-9 (oblique); Prewarming of lens is not necessary



Akahoshi

Acrylic IOL Loading Forceps

AE-4253N

Narrow blades enable easy pick up of the Acrysof® single piece and three piece IOL from the container

Acrysof is a registered trademark of Alcon



Cumming

Silicone IOL Folder

AE-4254

Ideal for three piece and plate haptic IOLs; Long paddles allow for secure pickup of the IOL and for even and effective folding



Lovisolo

ICL® Cartridge Loading Forceps

AE-4255N

Round, polished jaws can easily remove the lens from the container and place it inside the cartridge



Lovisolo

ICL® Removal Forceps

AE-4256

Round, sandblasted jaws firmly grasp lens inside the eye for removal in case of upside-down placement



Kellan

Foldable IOL Forceps

AE-4260

Designed to contour the silicone IOL rather than fold the IOL



ASICO

Direct Action Folding Forceps

AE-4262AN

Evenly folds acrylic and silicone lenses of 5.5 mm or 6.0 mm diameter; Paddles effectively pick up lens for even and equal folding



ASICO

Direct Action Implantation Forceps

AE-4267 With lock

Ideal for silicone and acrylic IOLs; Forceps open to 6.0 mm inside the eye for non-explosive release of the lens without compromising a 2.8 mm incision



**Patented Device
USP 5,752,960**

Akahoshi

Acrylic Implantation Forceps

AE-4269 Flat handle

Thin, smoothly polished tips will not damage acrylic lenses; For easy implantation without stretching a small incision



Kraff

Nucleus Splitter

AE-4270N

Effectively splits the nucleus during the phaco procedure



Buratto II

Acrylic IOL Implantation Forceps

AE-4272N Without lock

AE-4272L With lock

Highly polished jaws are extremely thin and smooth to implant lens through a small incision



Buratto

Extra Fine Acrylic Implant Forceps III

AE-4273N



Zaldivar

Micro Acrylic Implant Forceps

AE-4276L With lock

AE-4276N Without lock

Specially designed flat tip on the leading edge of the forceps with lock facilitates implantation through a small clear corneal incision



Cumming

Crystal Lens Forceps

AE-4278

AE-4278L With lock

Uniquely designed flat tip on the leading edge of the forceps facilitates implantation through a small clear corneal incision



Akahoshi

Combo Prechopper

AE-4284

Suitable for karate prechop (vertical prechop); Safely prechop nuclei grades 1 to 2



Akahoshi

Hybrid Combo Prechopper

AE-4286

For nuclei grades 1 to 4
Suitable for karate prechop (vertical prechop)



Akahoshi

Universal Nucleus Splitter

AE-4289

Helps complete the splitting of incompletely prechopped nuclei used for Femto Phaco procedures



ASICO

IOL Haptic Amputator

AE-4290

19 gauge; Amputate the loop of PMMA, polypropylene, polyamide, or other haptic material(s); With protective cap; used for Femto Phaco procedures



Phillips

IOL Cutter

AE-4292

Designed to allow intraocular cutting of foldable silicone, hydrogel, and acrylic IOLs



Inamura

Eagle Prechopper

AE-4293

For nuclei grades 1 to 4; Narrow tip is easy to insert into denser nuclei





Yeoh

Femto Prechopper
AE-4294

Completely blunt and thin for complete nucleus separation



Escaf

Prechopper
AE-4295

Broad surface divides the nucleus easily



ASICO

IOL Cutter
AE-4296

Designed to securely cut and remove silicone and/or acrylic IOLs; Atraumatic shape on the front end of the tip for easy insertion through a 3 mm wound; Features a cavity for holding the lens



Inamura

Hard Nucleus Prechopper
AE-4297

Designed to penetrate into dense nuclei above grade 3



Kim-Inamura

Prechopper
AE-4298

Designed to penetrate into dense nuclei above grade 3; Made with a narrow 1.7mm neck



Crozafon

Prechopper
AE-4299

Allows for easier separation of femtochopped nuclei



Castroviejo

Suturing Forceps

AE-4300 0.12 mm

AE-4302N 0.3 mm

AE-4304 0.5 mm

AE-4304L 0.5 mm with lock

AE-4306 0.9 mm

AE-4309 0.12 mm with bright finish

1 X 2 teeth with 6 mm platform



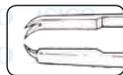
Castroviejo

Suturing Forceps

AE-4313 0.3 mm

AE-4315 0.5 mm

1 x 2 teeth with 5.5 mm tying platform; Angled



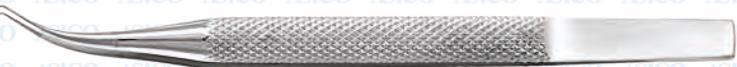
Girard

Corneal Scleral Forceps

AE-4320 Right

AE-4321 Left

0.12 mm, 1 x 2 teeth with 7.0 mm tying platform; Angled



Kraff

Corneal Forceps

AE-4329

0.12 mm, 1 x 2 teeth forceps with tying platform

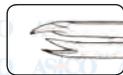


Manhattan Eye & Ear

Suturing Forceps

AE-4330

0.40 mm, 1 x 2 teeth with tying platform



Izquierdo

Femtosecond Double-Ended Forceps

AE-4332

Creates a clean, complete flap and assists in easy lifting of the flap; Can be used to manipulate and protect fragile tissue





Uy

Femtosecond Capsulotomy Forceps

AE-4333

Features a blunt tip which allows for easy removal of the capsule button in femtosecond cataract cases



Akahoshi

Curved Tying Forceps

AE-4334

Features a flat handle; Suitable for tying 10-0 nylon sutures



Akahoshi

Curved Tooth Forceps

AE-4335

Features a flat handle; Suitable for suturing the corneal incision



Akahoshi

Nucleus Cross-Action Forceps

AE-4340

Suitable for removing nuclear fragments through a small incision



Akahoshi

Capsulorhexis Forceps

AE-4344

AE-4344L With laser lines

Long, thin blades that manipulate easily through a 2.0 mm or smaller incision; Sharp tip acts as a cystotome



Akahoshi

Forceps with Round Handle, Straight Tips

AE-4344R

Straight jaws allow for easy movement within the anterior chamber through incisions as small as 1.8 mm; Triangular tips can be used as a cystotome; Round handle for great maneuverability; Laser lines 1.0 mm apart



Tjia-Akahoshi



Capsulorhexis Forceps

AE-4344V

Long, thin blades manipulate easily through a 2.0 mm or smaller incision; Vaulted jaws contour to the shape of the anterior capsule



Akahoshi-Tjia



Forceps with Round Handle, Vaulted Tips

AE-4344VR

Angled 12.0 mm jaws with special alignment mechanism allow for easy movement within the anterior chamber through incisions as small as 1.8 mm without stretching the incision size



Akahoshi



Capsulorhexis Cross-Action Forceps

AE-4345

Unique cross-action mechanism reduces loss of viscoelastic material through the incision



Inamura Super III



Capsulorhexis Forceps

AE-4346

Patented reverse cross-action mechanism minimizes incision stretching and reduces viscoelastic loss



**Patented Device
USP 5,752,960**

Akahoshi



Micro-Incision Capsulorhexis Forceps

AE-4347

Flat handle; Manipulates easily through a 1.8 mm incision; 6 laser lines on the shaft 1.0 mm apart

AE-4347M

Flat handle with 5.5 mm marker

AE-4347NL

With no laser lines

AE-4347R

Round handle with no laser lines



Utrata

Capsulorhexis Forceps

AE-4348

Fine, angled tips are ideal for grasping the delicate capsule



Hirota

Capsulorhexis Forceps

AE-4349

Unique asymmetrical structure; Right tip is dull, but the left tip is 0.5 mm longer and sharpened



Harms

Tying Forceps

AE-4350 Straight

AE-4351 Curved

Smooth jaws with 6.0 mm tying platform; 0.5 mm tip width; Ideal for 7-0 to 9-0 sutures



Güell

LASIK Forceps

AE-4356

Serrations allow for an effective non-traumatic grasp of the flap



Perone

LASIK Forceps

AE-4358

Circular rings with an internal sandblasted surface ensure a firm hold of the flap



Manche

LASIK Forceps

AE-4359

Solid oval tip with a sandblasted inner surface manipulates the flap with minimal risk of tearing or trauma



Jaffe

Tying Forceps

AE-4360 Straight

AE-4361 Curved

Smooth jaws with tying platform; Ideal for 8-0 to 11-0 sutures



Buratto

LASIK Forceps

AE-4362

Features fine sandblasting on tips for effective lifting of the flap



Kobayashi

Chalasis Forceps

AE-4368

AE-4368S Small



McPherson

Tying Forceps

AE-4370 Straight

AE-4373 Straight, long handle

Straight, smooth jaws with 5.0 mm platform; Ideal for 8-0 to 11-0 suture



McPherson

Tying Forceps, Angled

AE-4371

AE-4374 Long handle

Angled, smooth jaws with 5.0 mm platform; Ideal for 8-0 to 11-0 sutures



Kelman-McPherson

Forceps

AE-4372

AE-4375 Long handle

Angled, smooth 7.5 mm long jaws; Ideal for implanting the IOL



ASICO

Tying Forceps

AE-4377 Straight

Designed with handles that allow a better grip and have a precise finish on the tips



Sinsky

Tying Forceps

AE-4378 Straight

AE-4379 Curved

Very delicate, smooth jaws; Ideal for 8-0 to 11-0 sutures



Tennant

Tying Forceps

AE-4380 Straight

Extra delicate, smooth jaws with 6 mm long platform; Ideal for 9-0 to 11-0 sutures



Tennant

Tying Forceps

AE-4381 Curved

Extra delicate, smooth jaws with 6 mm long platform; Ideal for 9-0 to 11-0 sutures



Ikeda



Micro Capsulorhexis Forceps

AE-4385 23 gauge

AE-4385S 23 gauge with short handle

Sharp tip can be used as cystotome;
90 degree curved forceps allow for
easy maneuverability through the
paracentesis incision



Anis

Tying Forceps

AE-4386 Straight

AE-4387 Curved

Extra delicate, smooth jaws;
Ideal for 9-0 to 11-0 sutures



Kawai



Capsulorhexis Forceps

AE-4388 23 gauge

Sharp tip can be used as a
cystotome; Serrations extend
to the end of the jaws for better
grasping of the anterior capsule in
the presence of viscoelastic



Fine-Ikeda



Micro Capsulorhexis Forceps, Short

AE-4389S 23 gauge

Square profile of jaws seals the
incision, eliminating viscoelastic
leakage and anterior chamber
flattening; Opens and closes within
the anterior chamber to prevent
incision stretching



Inamura



Capsulorhexis Forceps

AE-4390

Square profile of jaws seals the
incision, eliminating viscoelastic
leakage and anterior chamber
flattening



Gaskin

Fragment Forceps

AE-4391

Angled; Very delicate, smooth jaws



Kraff-Utrata

Capsulorhexis Forceps

AE-4394

AE-4394L* With laser lines

AE-4394S With sharp tip that acts as a cystotome

AE-4394SL*

With sharp tip and laser lines
Recessed jaws prevent inadvertent iris pickup; Tongue and groove system keeps jaws aligned



Kraff-Utrata

Capsulorhexis Forceps

AE-4395SL* With laser lines

AE-4395SN Without laser lines

Vaulted with sharp tip that acts as a cystotome; Tongue and groove system keeps jaws aligned



Kellan

Capsulorhexis Forceps

AE-4397

AE-4397V* Vaulted

AE-4397VL* Vaulted with laser lines

Cupped tips effectively grasp the anterior capsule; Tongue and groove system keeps jaws aligned



*Millimeter markings on the jaw are spaced at 1 mm apart to measure the diameter of capsulorhexis from 1 mm to 6 mm



Kansas

Phacosection Fragment Forceps

AE-4399

Jaws with multiple teeth for manual nuclear fragmentation



Berke

Ptosis Forceps

AE-4400 20 mm

AE-4401 27 mm

With sliding lock; Longitudinally grooved jaws



Ikeda Nozomi

Capsulorhexis Forceps

AE-4402 23 gauge

AE-4402S 23 gauge with short shaft & handle

Forceps tip has a unique design inspired by Japan's Shinkansen Super Express



Fujita

Capsulorhexis Forceps

AE-4403

Fits through a 2.4 mm incision; Sharp tips can be used as a cystotome; Improved hinge joint for better durability; Fenestrated handle to reduces the weight of the instrument



Kawai

Capsulorhexis Forceps

AE-4404 25 gauge

Recessed space in jaws prevents inadvertent iris pick up

AE-4406 27 gauge



Fujita-Inamura



Capsulorhexis Forceps

AE-4407

Fits through a 2.4 mm incision; Sharp tips can easily make CCC penetration



Inamura



Flat Handle Capsulorhexis Forceps

AE-4408

Fits through 2.4 mm incision; Cross-action mechanism; Sharp tips can easily make CCC penetration



Also available in round handle **AE-4408R**

Jameson

Muscle Forceps

AE-4410 Right

AE-4411 Left

With sliding lock; 6 teeth; Adult size



Nugent

Superior Rectus Forceps

AE-4420

Angled, 1 x 1 teeth



Troutman

Superior Rectus Forceps

AE-4430

1.2 mm wide-angled jaws;
1 x 2 teeth, 0.5 mm



Bonaccolto

Utility Forceps

AE-4440 1.2 mm wide

AE-4441 1.7 mm wide

Longitudinally serrated jaws with cross serrations at tips



Zaldivar-Kraff ICL[®]

ICL is a registered trademark of Staar Surgical

PACman Forceps

AE-4446 20 gauge

A gentle curve at the tip of the jaws contours to the curvature of the optic, so that it is not touched by the forceps; Length of the jaws aligns with the length of the haptics through a 2.4mm incision and the jaws open wider for an easier grasp



Nakamura

ICL® Loading/Removal Forceps

AE-4447 23 gauge

Features specially designed jaws with atraumatic ridges to grasp the ICL®



Arruga

Capsule Forceps

AE-4500 Standard curve

AE-4501 New curve



Kraff-Utrata



Capsulorhexis Forceps with Sharp Tip/
Laser Lines

AE-4503RH

AE-4504RH Vaulted tips

Sharp tips can be used as cystotome; Jaws are recessed to prevent iris pickup; 1 mm laser lines aid in measuring capsulorhexis; Round handle for better maneuverability



Pineda



DWEK Forceps, Curved

AE-4510

Sharp curved forceps designed for Descemetorhexis; 23G micro forceps design for 0.6 mm incision



Manche



Smile Forceps, Short Handle

AE-4511

Forceps designed to easily retrieve the SMILE Lenticule



Barraquer

Cilia Forceps

AE-4520

Lightly Angled; Smooth Jaws

AE-4520N Long handle



Yoshitomi

Meibomian Gland Compressor

AE-4521

Gland compressor forceps designed for treatment of MGD and for gland/eyelid massage



ASICO

Cilia Forceps without Platform

AE-4526

Without platform; Used for grasping the eyelashes

AE-4528 With platform

Fine tips that allow for better grasping of the eyelashes

AE-4529 Titanium with platform

Blue color handle



Erhardt

Lid Forceps

AE-4530

Oval-shaped tip



Graether

Pupil Expander Forceps

AE-4545



Baird

Chalazion Forceps

AE-4600

Oval, small



Desmarres

Chalazion Forceps

AE-4610

Large size



Francis

Chalazion Forceps

AE-4620

Medium size



Hunt

Chalazion Forceps

AE-4630

Round shape



Lambert

Chalazion Forceps

AE-4640

Round, small



Lordan

Chalazion Forceps

AE-4650

Triangular jaws



Wies

Chalazion Forceps

AE-4660

Grooved upper jaw



ASICO

Jeweler's Forceps*

AE-4701 #1

Standard tips



ASICO

Jeweler's Forceps*

AE-4703 #3

Delicate tips



ASICO

Jeweler's Forceps*

AE-4703C #3C

Delicate, short tips



ASICO

Jeweler's Forceps*

AE-4704 #4

Delicate tips



ASICO

Jeweler's Forceps*

AE-4705 #5

Delicate tips



*Non-magnetic stainless steel



ASICO

Jeweler's Forceps*

AE-4705A #5A

Delicate, angled tips for removal of 9-0 and 10-0 sutures

*Non-magnetic stainless steel



ASICO

Jeweler's Forceps*

AE-4707 #7

Curved tips

*Non-magnetic stainless steel



Baby Jones

Towel Clamp

AE-4800

Cross-action



Halsted

Mosquito Forceps

AE-4810 Straight

AE-4811 Angled

Delicate, serrated tips



Hartmann

Mosquito Forceps

AE-4815 Straight

AE-4816 Angled

Delicate, serrated tips



Serrefine

AE-4820

Small, straight



Akahoshi

Scrubbing Forceps

AE-4821



Scleral

Plug Forceps

AE-4900N

For implanting scleral plugs of various sizes



Chee

Haptic Micrograsper 23 gauge

AE-4901 Horizontal

AE-4902 Vertical

Retrieves the haptic of an IOL through a sclerotomy during the process of intrascleral fixation of an IOL



Chee

Angulated Subluxated IOL Grasping Forceps 23 gauge

AE-4903

Slim profile and the angulation of the tip allow insertion through a paracentesis to securely grasp a posteriorly displaced intraocular lens optic or haptic atraumatically regardless of orientation, facilitating retrieval into the anterior segment



Nishi

IOL Haptic Fixation Forceps

AE-4904 23 gauge

Bent and grooved tip facilitates grasping of haptic tip easily and appropriately



Retinal



Tack Forceps Tip

AE-4905

Used along with a Grieshaber Sutherland handle



ICMS®

ICMS-Intraocular Complication Management System - is the registered trademark of ASICO LLC

Tying Forceps, Curved Shaft

AE-4906 23 gauge

28 mm Shaft length; Features specially designed jaws for handling the sutures securely without damage



Chee

Subluxated IOL Grasping Forceps

AE-4907 21 gauge

Specially designed atraumatic forceps has gently sandblasted gripping surfaces that allow the surgeon to reach and hold the IOL optic or haptic as needed



ICMS®

ICMS-Intraocular Complication Management System - is the registered trademark of ASICO LLC

Tying Forceps, Straight Shaft

AE-4908 23 gauge

Features specially designed jaws for handling the sutures securely without damage



VRTIS™ Tanaka VR by ASICO

VRTIS : Vitreo Retinal Trocar Instrument system - is the registered trademark of ASICO LLC

Maculorhexis Trocar Forceps

AE-4909 23 gauge

Designed to perform rhexis on the macula; Specially designed tip to initiate the rhexis



Watzke

Sleeve Spreader

AE-4910



VRTIS™ Tano VR by ASICO

VRTIS : Vitreo Retinal Trocar Instrument system - is the registered trademark of ASICO LLC

Asymmetrical Forceps

AE-4911 23 gauge

Designed to ensure an excellent grip and visibility; Platform is pointed to one side for precise grasping along the retinal surface



VRTIS™ **VR**

VRTIS : Vitreo Retinal Trocar Instrument system - is the registered trademark of ASICO LLC

Fine End-Gripping Forceps, 23 gauge

AE-4912

AE-4912T Thin

Blunt tip with a 1.25 mm angled platform precisely grasps thin membranes; For ILM, maculorhexis, and other VR procedures



VRTIS™ Corcostegui

VRTIS : Vitreo Retinal Trocar Instrument system - is the registered trademark of ASICO LLC

Pick Forceps, 23 gauge

AE-4913

AE-4913T Thin

Curved jaws are designed to provide increased visibility while grasping and elevating the membrane even when the jaws are closed



Patented



VRTIS™ **VR**

VRTIS : Vitreo Retinal Trocar Instrument system - is the registered trademark of ASICO LLC

Serrated Forceps

AE-4914 23 gauge

Features serrations on the inside 1.5 mm length of the jaw; Designed for effective non-slip grasping of the membrane



VRTIS™ Corcostegui

VRTIS : Vitreo Retinal Trocar Instrument system - is the registered trademark of ASICO LLC

Pick Forceps

AE-4915 27 gauge

Curved jaws are designed to provide increased visibility while grasping and elevating the membrane even when the jaws are closed



VRTIS™ Tano **VR**

VRTIS : Vitreo Retinal Trocar Instrument system - is the registered trademark of ASICO LLC

Asymmetrical Forceps

AE-4916 27 gauge

Designed to ensure an excellent grip and visibility



VRTIS™ **VR**

VRTIS : Vitreo Retinal Trocar Instrument system - is the registered trademark of ASICO LLC

Thin Fine End-Gripping Forceps

AE-4917 27 gauge

Thin profile increases accessibility to and maneuverability around the macular region



VRTIS™ Kawai

VRTIS - Vitreo Retinal Trocar Instrument system - is the registered trademark of ASICO LLC



Pick Forceps

AE-4918 23 gauge

Fine, serrated platform with 45 degree pick facilitates firm grasping of ILM without initial flap by MVR



VRTIS™

VRTIS - Vitreo Retinal Trocar Instrument system - is the registered trademark of ASICO LLC

Pick and Peel Forceps

AE-4919 23 gauge

Fine tip pick facilitates firm grasping of ILM without initial flap by MVR; Uniquely designed tips assist in easy picking and peeling of the ILM membrane



VRTIS™ Tano

VRTIS - Vitreo Retinal Trocar Instrument system - is the registered trademark of ASICO LLC

Asymmetrical Forceps

AE-4923 25 gauge

Designed to ensure an excellent grip and visibility



VRTIS™

VRTIS - Vitreo Retinal Trocar Instrument system - is the registered trademark of ASICO LLC

Fine End-Gripping Forceps, 25 gauge

AE-4924

AE-4924T Thin

Multi-utility design for a variety of VR procedures including ILM and maculorhexis



VRTIS™ Corcostegui

VRTIS - Vitreo Retinal Trocar Instrument system - is the registered trademark of ASICO LLC

Pick Forceps, 25 gauge

AE-4925

AE-4925T Thin

Curved jaws are designed to provide increased visibility while grasping and elevating the membrane even when the jaws are closed



Patented

VRTIS™

VRTIS - Vitreo Retinal Trocar Instrument system - is the registered trademark of ASICO LLC

Serrated Forceps

AE-4926 25 gauge

Designed for effective non-slip grasping of the membrane



VRTIS™ Horio



VR by ASICO

VRTIS : Vitreo Retinal Trocar Instrument system - is the registered trademark of ASICO LLC

ILM/Subretinal Forceps

AE-4927 25 gauge

Allows for better visibility while peeling the ILM membrane



VRTIS™ VR by ASICO

VRTIS : Vitreo Retinal Trocar Instrument system - is the registered trademark of ASICO LLC

Pick and Peel Forceps

AE-4929 25 gauge

Fine tip pick facilitates firm grasping of ILM without initial flap by MVR; Uniquely designed tips assist in easy picking and peeling of the ILM membrane



Kobayashi



DMEK Forceps 25 gauge

AE-4933 Vertical

AE-4934 Horizontal

Atraumatic, ring-shaped tip to grasp the membrane edge of Descemet's membrane for DSAEK/DMEK



AE-4933 Vertical Tip

AE-4934 Horizontal Tip

Kobayashi



DMEK Small Tissue Forceps, 25 gauge

AE-4935 Vertical

AE-4936 Horizontal

Atraumatic, sandblasted tip to grasp the membrane edge of Descemet's membrane for DSAEK/DMEK



Chee



ICMS®

ICMS-Intracular Complication Management System - is the registered trademark of ASICO LLC

Subluxated IOL Grasping Forceps

AE-4939 23 gauge

Atraumatic with gently sandblasted gripping surfaces that allow the surgeon to reach and hold the IOL optic or haptic as needed



John



Retrocorneal Super Micro Forceps

AE-4962 23 gauge

Round, smooth handle allows side-to-side rotation for holding, pulling, and retracting tissues at different angles within the anterior chamber at the retrocorneal plane



Zaldivar

Iridectomy Forceps

AE-4965 23 gauge

Perfect for grabbing the iris during iridectomy



ALIO

Iridectomy Forceps

AE-4965S 23 gauge

Can be used through sideport; Curvature of shaft ideal for capsulorhexis



Nishi

Tension Ring Inserter

AE-4967 21 gauge

Engages the eyelet of the tension ring and draws the ring into the tube without damage or loss of shape; With micro hook

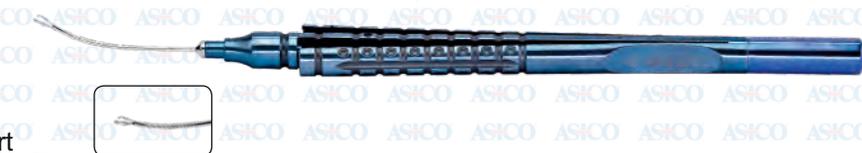


Nishi

Tension Ring Forceps/Manipulator

AE-4969 21 gauge

Tip is ideal for use through a sideport incision; Distal tip is made up of a disc with a hole to accommodate the manipulator



Tanaka

Maculorhexis Forceps

AE-4975 23 gauge

Designed to perform rhexis on the macula; Specially designed tip to initiate the rhexis

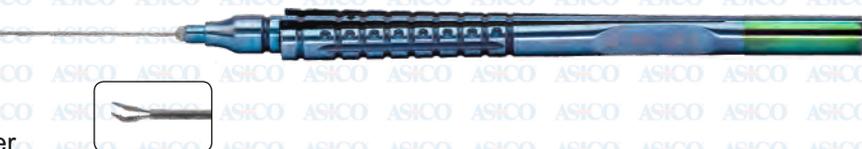


Kawai

ILM Forceps

AE-4980 23 gauge

Specially designed platform for better visibility of the thin membrane in the macular region; Coated jaws for secure grasping with a non-glare finish



AE-5000 Series



INNOVATIONS
for Better Outcomes[®]



ASICO® AE-5000 Series



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Some models feature a stop in order to advance the scissors without removing the blades from the incision.

Scissors which feature an inner blade longer than the outer blade are also for advancing without removing the blades from the incision.

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Today's Precision...Tomorrow's Vision®



Castroviejo

Corneal Section (Corneoscleral)
Scissors

AE-5012 Right

AE-5013 Left

Inner blade 0.5 mm longer than
outer blade



Castroviejo

Scissors, Curved Mini Model

AE-5016 Left

AE-5017 Right

Miniature model with blunt tips; Flat,
serrated handle



Nordan

Corneal Transplant Scissors

AE-5044 Right (Image shown)

AE-5045N Left

Curved, delicate blades



Troutman-Katzin

Corneal Transplant Scissors

AE-5046 Right

AE-5047 Left

Strongly curved 6 mm blades;
With stop



Castroviejo

Universal Corneal Scissors, Small

AE-5052N

Small 10.0 mm blades;
Curved, blunt tips



Castroviejo

Universal Corneal Scissors

AE-5054

Medium blades; Curved, blunt tips



Iris

Scissors

AE-5100 Straight

AE-5101 Curved



Micro

Iris Scissors

AE-5110 Straight (Image shown)

AE-5111 Curved



McPherson-Vannas

Iris Scissors

AE-5120

Curved, sharp tips; Miniature



Barraquer

Iris Scissors

AE-5220

Blunt tips



Vannas

Capsulotomy Scissors

AE-5400 Straight

AE-5410 Curved

Very delicate tips



Vannas

Capsulotomy Scissors

AE-5420 Angled up

AE-5430 Angled to side

Very delicate tips



Shimowake



Nucleus/IOL Scissors

AE-5436

Features specially designed tips to cut an acrylic lens and the nucleus



Shimowake



Nucleus/IOL Scissor, Serrated
AE-5437

Features specially designed tips to cut an acrylic lens and the nucleus;
Serrated tips



Akahoshi



IOL Scissors
AE-5438

Features specially designed tips to cut an acrylic lens and the nucleus



Stern-Gills

Capsulotomy Scissors
AE-5490

Extra thin blades



Hoffer-Stern

Capsulotomy Scissors
AE-5491

Extra thin, curved, sharp convex blades; Ideal for cutting anterior capsule



Uribe-Stern

Capsulotomy Scissors
AE-5492

Extra thin, curved, concave, sharp blades; Ideal for cutting anterior capsule



ASICO

Vannas Scissors, Straight
AE-5495N

Extra thin, sharp points; Ideal for cutting anterior capsule



ASICO

Vannas Scissors
AE-5496 Curved

Extra thin, sharp points; Ideal for cutting anterior capsule



Westcott

Tenotomy Scissors

AE-5500 Right
AE-5501 Left

22 mm Curved, blunt blades



Mini Westcott

Scissors

AE-5503

Curved blades



Shepard-Westcott

Scissors Blade Serrated

AE-5504

Curved blades



McPherson-Westcott

Conjunctival Scissors

AE-5505

Curved, blunt tips



Westcott

Tenotomy Scissors, Right
AE-5506



ASICO

Conjunctival Scissors
AE-5507

Designed with a bright finish



ASICO

Conjunctival Scissors II
AE-5508

Designed with a matte finish on the tips and handle



McPherson-Westcott

Stitch Scissors
AE-5509

Very sharp, pointed tips



Westcott-Type

Stitch Scissors
AE-5510

Sharp, pointed tips



VRTIS™ **VR by ASICO**

VRTIS : Vitreo Retinal Trocar Instrument system - is the registered trademark of ASICO LLC

Curved Scissors

AE-5606 23 gauge

Multi-purpose scissors featuring 1.25 mm curved blades



VRTIS™ Ohji **VR by ASICO**

VRTIS : Vitreo Retinal Trocar Instrument system - is the registered trademark of ASICO LLC

Angled Horizontal Scissors

AE-5607 23 gauge

30 degree bend on tip allows for easy insertion and contours to the profile of the globe to safely cut the membrane along the retinal surface



VRTIS™ **VR by ASICO**

VRTIS : Vitreo Retinal Trocar Instrument system - is the registered trademark of ASICO LLC

Vertical Scissors

AE-5608 23 gauge

Sharp tip vertical style scissors



VRTIS™ Kusaka **VR by ASICO**

VRTIS : Vitreo Retinal Trocar Instrument system - is the registered trademark of ASICO LLC

Vertical Scissors

AE-5609 23 gauge

Thin profile allows precise control with minimum risk to choroids or underlying membrane; Blunt tips of scissors are atraumatic to the retina; sandblasted finish



ICMS®

ICMS - Intraocular Complication Management System - is the registered trademark of ASICO LLC

Curved Scissors

AE-5613 21 gauge

Multi-functional design featuring curved blades to effectively cut capsular tags, iris, haptics of IOLs, and sutures





Kusaka

Non-Trocar Vertical Scissors

AE-5614 23 gauge

Long blades offer efficient membrane dissection; Blunt tips are atraumatic to the retina; Used in pediatric cases



VRTIS™ Horio

VRTIS : Vitreo Retinal Trocar Instrument system - is the registered trademark of ASICO LLC

Pick/Scissors

AE-5615 25 gauge

Blunt tips provide a safety feature while peeling the ILM, and the sandblasted platform helps catch the ILM



Hata

Scissors

AE-5619 25 gauge

Designed to provide precise control during the CCC procedure; Useful for correction of the tear direction



VRTIS™

VRTIS : Vitreo Retinal Trocar Instrument system - is the registered trademark of ASICO LLC

Curved Scissors

AE-5623 25 gauge

Multi-purpose scissors featuring 1.25 mm curved blades



VRTIS™

VRTIS : Vitreo Retinal Trocar Instrument system - is the registered trademark of ASICO LLC

Vertical Scissors

AE-5625 25 gauge

Sharp tip vertical style scissors



VRTIS™

VRTIS : Vitreo Retinal Trocar Instrument system - is the registered trademark of ASICO LLC

Curved Scissors

AE-5626 27 gauge

Multi-purpose scissors featuring curved blades



Yae

Scissors

AE-5662 25 gauge

Used for iris and anterior chamber surgery



Kawai

Horizontal Scissors

AE-5663 25 gauge

Used for iris reconstruction



Zaldivar

Iridectomy Scissors

AE-5665 20 gauge

Can be used through paracentesis incision; Curved blades for cutting ease and better visualization; For use with iridectomy forceps (**AE-4965** or **AE-4965S**)



Tan

DALK Scissors

AE-5666 Left

AE-5667 Right

Jaws are highly polished to glide across Descemet's membrane; Unique safety platform on the lower side ensures that blades are well-separated from Descemet's membrane when cutting the stroma





Nishi

Schlemm's Canal Scissors

AE-5669 25 gauge

Designed for deep sclerotomy and viscocanalostomy procedures



McKee-Price

DMEK Scissors

AE-5670 23 gauge

Ideal for iridectomy procedure through a 1 mm sideport incision for DMEK and DSEAK procedures



VRTIS™ Ohji

VRTIS : Vitreo Retinal Trocar Instrument system - is the registered trademark of ASICO LLC

Scissors

AE-5680 25 gauge

30 degree bend on tip allows for easy insertion and contours to the profile of the globe to safely cut the membrane along the retinal surface



Iris

Scissors

AE-5700 Straight

AE-5701 Curved

Delicate, pointed tips



Eye

Scissors

AE-5702 Straight

AE-5703 Angled

Standard, pointed tips



Eye

Scissors

AE-5705 Straight

AE-5706 Angled

Standard, large rings



Stitch

Scissors

AE-5710

Needle points; Lightly curved;
Ring handle



Stevens

Tenotomy Scissors

AE-5720 Straight

AE-5721 Curved

Blunt tips; Ring handle



Strabismus

Scissors

AE-5730 Straight

AE-5731 Curved

Blunt tips; Ring handle



Enucleation

Scissors

AE-5740 Medium curve

AE-5741 Strong curve



John CORNEA

Retrocorneal Super Micro
Scissors

AE-5762 20 gauge

Used for cutting hanging
stroma in DSAEK surgery
Allows cutting of the back surface
of the cornea without making a large
limbal opening into the AC



AE-6000 Series



INNOVATIONS
for Better Outcomes[®]



ASICO® AE-6000 Series

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All needle holders are designed with beveled jaws to facilitate the suturing procedure and to eliminate the possibility of inadvertently breaking the suture.

Suture Cutter Models are designed to cut 9.0 to 11.0 sutures, except models AE-6160 and AE-6161, which can be ordered with suture cutters to cut 5-0 to 7-0 sutures.

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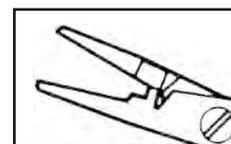
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Shaw Needle Holder Suture Cutter (SNSC) Patent No. 4,949,717

To order with suture cutter rechange it to SNSC to catalog number. Not available on titanium needle holders.

complimentary video available.



McPherson

Needle Holder

AE-6000 Straight with lock

AE-6001 Straight without lock

AE-6010 Curved with lock

AE-6011 Curved without lock

Extra delicate jaws; Ideal for 8-0 to 11-0 sutures



Barraquer

Needle Holder

AE-6100 Straight with lock

AE-6101 Straight without lock

AE-6110 Curved with lock

AE-6111 Curved without lock

Short model; Delicate jaws; Ideal for 8-0 to 11-0 sutures



Barraquer

Needle Holder, Delicate Jaws, Straight with Lock

AE-6130N

Ideal for 8-0 to 11-0 sutures



Barraquer

Needle Holder, Delicate Jaws

AE-6131 Straight without lock (Image shown)

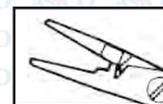
AE-6140 Curved with lock

AE-6141 Curved without lock

Ideal for 8-0 to 11-0 sutures



All are available with suture cutters, except titanium models.
when ordering with a cutter, please add "SNSC" to the catalog number.



Barraquer

Needle Holder, Most Delicate, CVD

AE-6142 With lock

AE-6143 Without lock



Troutman

Needle Holder

AE-6150 With lock

AE-6151 Without lock

Strongly curved, delicate jaws;
Ideal for 8-0 to 11-0 sutures



Barraquer

Needle Holder

AE-6160 Curved with lock

AE-6161 Curved without lock

Standard jaws; Ideal for 4-0 to 7-0
sutures



ASICO

Needle Holder

AE-6170 Straight with lock

AE-6171 Straight without lock

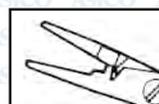
AE-6172 Curved with lock

AE-6173 Curved without lock

Extra delicate jaws; Ideal for 8-0
to 11-0 sutures



All are available with suture cutters, except titanium models.
when ordering with a cutter, please add "SNSC" to the catalog number.



Castroviejo

Needle Holder, Delicate

AE-6200N Straight with lock

Ideal for 7-0 to 9-0 sutures



Castroviejo

Needle Holder

AE-6201 Straight without lock

AE-6212 Straight with lock

AE-6210 Curved with lock

AE-6211 Curved without lock

Delicate jaws; Ideal for 7-0 to 9-0 sutures



Castroviejo

Needle Holder

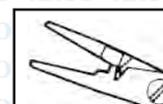
AE-6220 Straight with lock

AE-6230 Curved with lock

Standard jaws; Ideal for 4-0 to 7-0 sutures



All are available with suture cutters, except titanium models.
when ordering with a cutter, please add "SNSC" to the catalog number.



Anis

Needle Holder, Curved, Extra Delicate

AE-6240

Features extra delicate jaws with curved tips for easy suturing, especially in corneal procedures



Kalt

Needle Holder

AE-6300

Straight, lightly serrated jaws; Ideal for 5-0 to 6-0 sutures



McIntyre

Fish Hook Needle Holder

AE-6400 Straight with lock

Delicate jaws; Ideal for 8-0 to 11-0 sutures



ICMS[®]

ICMS-Intraocular Complication Management System - is the registered trademark of ASICO LLC

Needle Holder

AE-6902 21 gauge, straight

Specially treated tungsten carbide jaws create a secure hold on the needle allowing for an easy intraocular suturing procedure



ICMS[®]

ICMS-Intraocular Complication Management System - is the registered trademark of ASICO LLC

Needle Holder *

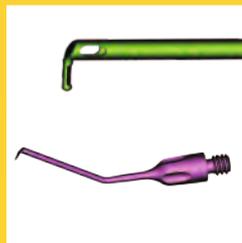
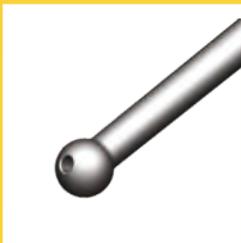
AE-6903 21 gauge, curved

Specially treated tungsten carbide jaws create a secure hold on the needle allowing for an easy intraocular suturing procedure

* Handle color may vary



AE-7000 Series



INNOVATIONS
for Better Outcomes®



ASICO® AE-7000 Series



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All irrigating and aspirating cannulas have irrigation on the tubing hubs and aspiration on the needle hubs (except AE-7330).

Gauge Conversion Chart

Gauge	ID* (inch)	ID* (mm)	OD** (inch)	OD** (mm)
19G	0.028	0.70	0.043	1.10
20G	0.024	0.60	0.036	0.90
21G	0.020	0.51	0.032	0.80
22G	0.016	0.41	0.028	0.70
23G	0.013	0.33	0.025	0.60
24G	0.012	0.30	0.022	0.55
25G	0.010	0.25	0.020	0.50
26G	0.010	0.25	0.018	0.45
27G	0.008	0.20	0.016	0.40
28G	0.007	0.18	0.014	0.36
29G	0.007	0.18	0.013	0.33
30G	0.006	0.15	0.012	0.30

*Inner diameter

**Outer diameter

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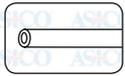


Air Injection (Rycroft)

Cannula

AE-7000 30 gauge

AE-7001 27 gauge



Ahn

DMEK Cannula

AE-7002 23 gauge

AE-7004 27 gauge

Used to inject air



John

DMEK Cannula

AE-7003 30 gauge



Kobayashi

DMEK Cannula

AE-7005 Curved, 24-30 gauge

AE-7006 Curved, 25-33 gauge



Akahoshi

Conjunctiva Irrigator

AE-7009

Flushes the conjunctiva to reduce endo-ophthalmitis



AE-7009C Complete closed loop version



Lacrimal

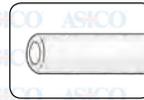
Cannula

AE-7010 23 gauge

Straight, 12 mm malleable tip

AE-7011 23 gauge

Curved, 15 mm malleable tip



McIntyre

Lacrimal Cannula

AE-7020 23 gauge, straight

AE-7021 23 gauge, curved



Randolph

Cyclodialysis Cannula

AE-7040 21 gauge

AE-7041 19 gauge

Spatulated tip; Front opening



Sheets

Cyclodialysis Cannula

AE-7050 19 gauge

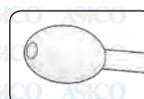
Spatulated tip; One front and two side openings



Troutman

Alpha-Chymo Cannula

AE-7060 25 gauge



Atkinson

Retrobulbar Needle
AE-7070 23 gauge
AE-7071 25 gauge
 Beveled tip



Kelman

Double Blade Cystotome
AE-7102 22 gauge
 For triangular or Christmas tree style capsulotomy



Buratto

Subtenon Needle
AE-7076 14 gauge
 Tapers to 19 gauge; For injection of anesthesia under conjunctiva



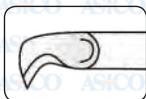
Kratz

Cystotome
AE-7115 22 gauge, angled
 With sharp point and cutting edge



Kelman

Irrigating Cystotome
AE-7100 22 gauge
 Sharp on all sides



Lieppman

Micro Cystotome
AE-7120 22 gauge
 Small and sharp cutting tip



Kelman

Cystotome Cannula
AE-7101 22 gauge
 Blunt on all sides; Sharp at the tip



Double Edge

Cystotome
AE-7131 22 gauge
 With a sharp point and beveled cutting edge on all sides



Fry

Irrigating Cannula
AE-7190 18 gauge



Bishop-Harmon

Silicone Bulb & Adaptor

AE-7195 Complete set

AE-7196 Bulb only

AE-7197 Adaptor only



Bishop-Harmon

Irrigating Cannula

AE-7200 19 gauge



Binkhorst

Irrigating Cannula

AE-7201 25 gauge, straight

AE-7202 25 gauge, right



Binkhorst

Irrigating Cannula

AE-7204 22 gauge, straight

AE-7205 22 gauge, right

AE-7206 22 gauge, left

Smooth, blunt tip; Front opening;
Irrigation or aspiration in 12 o'clock
position



Gimbel

Irrigating Cannula

AE-7207 26 gauge

Blunt tip, angled to side end
opening

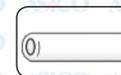


Knolle

Anterior Chamber Cannula

AE-7210 30 gauge

AE-7211 23 gauge, irrigating



McIntyre

Anterior Chamber Cannula

AE-7218 25 gauge, angled

AE-7220 23 gauge, straight

AE-7222 23 gauge, angled

AE-7224 26 gauge, straight

AE-7226 26 gauge, angled

AE-7228 30 gauge, straight

AE-7230 30 gauge, angled



McIntyre-Binkhorst

Irrigating Cannula

AE-7231 26 gauge, right

AE-7232 26 gauge, left

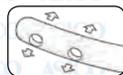
Smooth, blunt tip; Front opening for
irrigation or aspiration in 12 o'clock
position





Shephard

Air Injection Cannula
AE-7250 30 gauge, angled
AE-7251 27 gauge, angled
 Flat tip for irrigating corneal incisions



Dishler

LASIK Irrigation Cannula, 30 Gauge
AE-7278 9.0 mm for superior flap
AE-7279 7.0 mm for nasal flap
 Curved to follow the natural curvature of the cornea; Blunt tip prevents snagging stromal tissue; Effective for repositioning the flap and removing any excess fluid out of the interface



Viscoelastic

Aspirating Cannula
AE-7270 22 gauge
AE-7271 19 gauge



Manche

LASIK Irrigation Cannula
AE-7281 24 gauge
AE-7287 25 gauge
 Three irrigation ports; One port on each side of the cannula and one port facing down; Solid spatulated tip to facilitate insertion under the primary flap without disruption of the epithelium; Convex shape to conform with the curvature of the cornea and can be used to elevate and replace the flap



Akahoshi



Visco-ICG Cannula
AE-7272 25 gauge
 Designed to apply a small amount of Visco-ICG solution effectively on the capsular surface to paint the capsule



Slade

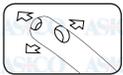
LASIK Irrigation Cannula
AE-7282 26 gauge
AE-7283 27 gauge
 One irrigation port; Front opening; Spatulated tip for easy entry beneath the flap; Cross section permits sideways entry into the flap without dragging the epithelium into the interface



Rubenstein

LASIK Irrigation Cannula
AE-7277 23 gauge
 Loop design and curved shape allow for better ability to clean the interface and stroke the flap into position in primary and retreatments



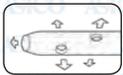


Buratto

LASIK Irrigation Cannula

AE-7284 25 gauge

Three irrigation ports; Easy entry under the flap; Cross section permits sideways entry into the flap without dragging the epithelium into the interface

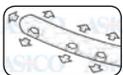


Kritzinger Updegraff (KU)

LASIK Aspiration Cannula

AE-7286 19 gauge

Five aspiration ports; Aspirates excessive fluids; Numerous ports prevent the needle from being occluded by conjunctiva and ensure continuous aspiration of BSS fluid

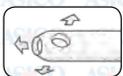


Güell

LASIK Irrigation Cannula

AE-7288 25 gauge

Seven irrigation ports; Designed for cleaning the interface while occupying a minimum amount of space under the flap



Alió

LASIK Irrigation Cannula

AE-7289 23 gauge

Three irrigation ports



Doane-Slade

LASIK Irrigation Cannula

AE-7290L 26 gauge, left eye

AE-7290R 26 gauge, right eye

One irrigation port; For superior flap in LASIK



Vidaurri

LASIK Cannula

AE-7293 25 gauge

Unique cannula simultaneously irrigates anterior and posterior sides of the flap



Vidaurri

LASIK Dryer Cannula

AE-7295

Facilitates drying of the cornea for accommodation of the flap



Vidaurri-Nagahara

LASIK Cannula

AE-7296 25 gauge

Unique cannula simultaneously irrigates anterior and posterior sides of the flap



Gills



**Irrigating-Aspirating Cannula
AE-7300**

23 gauge thin wall irrigation; 25 gauge aspiration; Both ports exit forward; Supplied with silicone tubing



Grandon

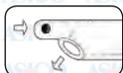


**Irrigating-Aspirating Cannula
AE-7310 Right, 23 gauge
AE-7311 Left, 23 gauge**

Irrigating port to the side; Aspirating cannula curved to the side with port facing up; Both ports are 0.30 mm; Designed for aspirating under the iris; Supplied with silicone tubing



Simcoe



**Irrigating-Aspirating Cannula
AE-7330
AE-7330S Sandblasted**

With sandblasted tip for polishing capsule; 23 gauge irrigation with angled front opening; 25 gauge aspiration with 0.30 mm port; Irrigation on the needle hub and aspiration on the tubing hub; Supplied with silicone tubing



Morrison



**Irrigating-Aspirating Cannula
AE-7320**

25 gauge thin wall irrigating with 0.30 mm side opening; 23 gauge aspirating cannula with 0.50 mm front opening; Supplied with silicone tubing



ASICO

**Silicone Tubing
AE-7332**

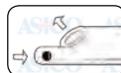
For irrigation-aspiration cannulas; 12 in, 0.078 x 0.024 in (Large)

AE-7333

For irrigation-aspiration cannulas; 12 in, 0.030 x 0.018 in (Small)



Simcoe (Reverse)

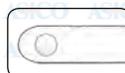


**Irrigating-Aspirating Cannula
AE-7330R
AE-7330RS Sandblasted**

With sandblasted tip for polishing posterior capsule; 23 gauge irrigation with angled front opening; 23 gauge aspirating cannula with 0.30 mm port; Irrigation on the tubing hub and aspiration on the needle hub; Supplied with silicone tubing



McIntyre



**Inner Cannula, 23 Gauge
AE-7370 0.2 mm sideport
AE-7371 0.3 mm sideport**



ASICO

Irrigating-Aspirating Handpiece

AE-7380

For use with irrigation-aspiration cannulas



McIntyre

Infusion Handle

AE-7385

Autoclavable plastic



ASICO

Male/Female Handpiece

AE-7386

Autoclavable plastic



ASICO

Double Male Adaptor

AE-7389 Teflon™

Teflon is a registered trademark of Chemours

AE-7390 Stainless steel

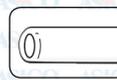


Anis

Cortex Aspirating Cannula

AE-7403 23 gauge, angled

Without sandblasted tip



Gills

Cortex Extractor

AE-7407 Angle to tip 7 mm

AE-7408 Angle to tip 8 mm

AE-7410 Angle to tip 10 mm

25 gauge; Front opening



Simcoe

Cortex Extractor

AE-7430 23 gauge, 13 mm

AE-7431 23 gauge, 21 mm





Welsh

Flat Olive Tip Cannula
AE-7441 25 gauge, left
AE-7442 25 gauge, right

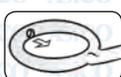


AE-7443 25 gauge,
 angled forward



Reshmi-Gills

Flat Olive Tip Cannula
AE-7447 23 gauge, right
 For irrigation or aspiration



Drews

Posterior Capsule Polisher
AE-7500 25 gauge
 Irrigating port facing in; Sandblasted posterior surface; Smooth anterior surface; Allows for excellent visibility during polishing



Perone



Femto Phaco Spatula/Cannula
AE-7503 27 gauge
 Curved to a more pronounced convexity to be inside the anterior chamber in femto phaco procedures



Akahoshi

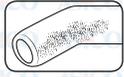
Visco-Dissection Cannula
AE-7506 27 gauge
 Sandblasted tip; Used to inject visco between prechopped nucleus fragments to achieve complete separation from the posterior capsule



Jensen

Posterior Capsule Polisher
AE-7523 23 gauge
AE-7525 25 gauge
 Sandblasted tip; Front opening; Gently curved





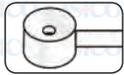
Kratz

Capsule Scratcher
AE-7530S 23 gauge



Kraff

Posterior Capsule Polishing Curette
AE-7532 25 gauge
 Semi-sharp edge for effective polishing of posterior capsule;
 Irrigating port in the center



Modi

Capsule Polisher
AE-7534 27 gauge



Designed to safely polish the capsule



Simcoe

Posterior Capsule Polisher
AE-7535 23 gauge
 With reverse aperture



Akahoshi

Posterior Capsule Polisher
AE-7536 27 gauge
AE-7537 27 gauge with two holes
AE-7538 27 gauge with three holes
 Gently removes the fine cortical fibers firmly attached on the posterior capsule without stressing the ciliary zonule



Anis

Scrubber
AE-7540

Roughened, ball-shaped tip for capsular fornix

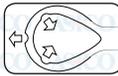
AE-7541

Roughened, disc-shaped tip for capsule; Gently curved, flexible shank



Drews-Knolle

Irrigating Vectis
AE-7600 23 gauge



Thin wall; One outer port and two inner ports



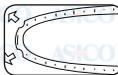
Nagahara

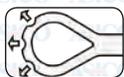
Karate Irrigating Chopper Cannula
AE-7612
 Two ports



Hoffman

Irrigating Vectis
AE-7615 16 gauge
 45 mm overall length with 25 gauge thin wall; Serrated loop





Knolle-Pearce

Irrigating Vectis

AE-7620 23 gauge

Thin wall; Three outer ports at 10, 12, and 2 o'clock



Buratto

Hydrodissection Cannula

AE-7621 25 gauge

Bent tip goes under the rhexis to reach the nucleus equator allowing fluid injection in the right position for the best separation of the nucleus from the capsule; Bent end helps rotate the nucleus after hydrodissection to check nuclear mobility inside the bag

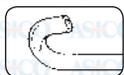


Nagahara

Hydrodissection Cannula II

AE-7622A 27 gauge

Cannula features a flat and angled tip for easy access under the anterior capsule flap



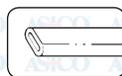
Lewicky

Hydrodissection Cannula

AE-7624 27 gauge, right

AE-7625 27 gauge, left

Designed for hydrodissection and 12 o'clock cortex removal; Posterior angle of the tip along with added length ensure flush and cleavage of the cortex from the capsule where it is needed most



Nucleus

Hydrodissection Cannula

AE-7626 27 gauge, angled

AE-7629 25 gauge, angled

Flat tip for effective hydrodissection

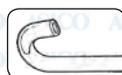


Kellan

Hydrodissection Cannula

AE-7627 25 gauge, curved

Vertical, flattened tip



J-Shaped

Hydrodissection Cannula

AE-7628 25 gauge

Flat tip for superior pole hydrodissection



Kellan

Hydrodelineation Cannula

AE-7630 25 gauge

Curved bevel tip; Sharp on top and smooth on bottom; For effective hydrodissection and protection of the posterior capsule





Oki-Yoshitomi



Hydrodissection Cannula

AE-7631 Straight, 27 gauge

AE-7634 45 degree, 27 gauge

Makes a precise and exact penetration between the capsule and epi-nucleus due to the unique shape of the tip without penetrating the nucleus



Chang



Hydrodissection Cannula

AE-7638 27 gauge

90° bent tip with open front port



Akahoshi



Hydrodissection Cannula

AE-7635 27 gauge

Unique tip design can be easily inserted beneath the capsulorhexis edge



Inamura



Hydrodissection Cannula

AE-7642 22 gauge

Sandblasted tip increases control in the presence of viscoelastic, especially in cases where the nucleus is rotated inside the capsular bag



Akahoshi



Hydrodissection Cannula II

AE-7636 Bevel tip, 27 gauge

Beveled tip can be easily inserted beneath the capsulorhexis edge; Tapered design easily increases the intraocular pressure for sealing the wound

AE-7636S Sandblasted



Miyoshi



Ultimate Hydrodissection Cannula

AE-7643 23 gauge

120 degree angled flow allows complete hydrodissection in both the anterior and posterior capsule simultaneously; Sandblasted tip increases control in the presence of viscoelastic, especially in cases where the nucleus is rotated inside the capsular bag



Inamura



Hydrodissection Cannula

AE-7637 23 gauge

AE-7639 25 gauge





Oki-Yoshitomi



Hydrodissection Cannula
AE-7648 23 gauge, 45 degree
 Makes a precise and exact penetration between the capsule and epi-nucleus due to the unique shape of the tip



Youens

Irrigating Lens Manipulator
AE-7735 30 gauge
 Angled; Front opening, 0.30 mm diameter



Miyoshi



Ultimate Hydrodissection Cannula
AE-7649 22 gauge, 30 degree



Akahoshi

Multi-use Manipulator Cannula
AE-7736



Inamura II



Hydrodissection Cannula
AE-7652 22 gauge, 30 degree
AE-7653 25 gauge, 30 degree



Heslin

Infusion Cannula
AE-7800 25 gauge
AE-7801 23 gauge
 Anterior chamber maintainer



Slade



Femtosecond Cannula
AE-7654 23 gauge
 Helps release gas bubbles trapped beneath the nucleus during emulsification



Kobayashi CORNEA



Chamber Maintainer
AE-7802 25 gauge



Designed for DSAEK but can be used for various procedures to maintain the AC; Cannula surface is sandblasted to be more secure



Tan CORNEA



DALK Cannula
AE-7803 27 gauge



Used to create an ideal big bubble



Kobayashi CORNEA



DSAEK Donor Adjuster
AE-7804 30 gauge



Designed to fixate donor button in place while injecting air bubble



Kobayashi CORNEA



DSAEK Donor Adjuster
AE-7806 Curved, 30 gauge



John CORNEA



DALK Cannula
AE-7822 27 gauge



Helps create a big bubble within the recipient cornea and perform air dissection of the corneal stroma



John CORNEA



ALK Probe
AE-7823 30 gauge



Helps create an intra-corneal tunnel within the recipient corneal stroma



John CORNEA



ALK Cannula
AE-7824 27 gauge, 3 ports



Sarnicola CORNEA



DMEK Cannula, 27 Gauge
AE-7825 Left port
AE-7826 Right port



Sarnicola

CORNEA



VR by ASICO

Big Bubble Cannula
AE-7821 27 gauge

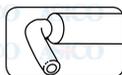
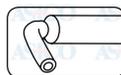
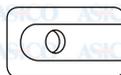
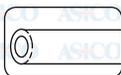


Sarnicola

CORNEA



DMEK Cannula, 27 Gauge
AE-7827 Port up



Packo

VR by ASICO

Back Flush Needle

AE-7900 19 gauge, blunt (not shown)

AE-7901 20 gauge, blunt

AE-7903 20 gauge tapered to 25 gauge

AE-7905 20 gauge with 25 gauge tip, subretinal

Fluid drainage needle designed to be used with back flush handle

(AE-7930 and AE-7931)

Packo

VR by ASICO

Back Flush Handle

AE-7930 Manual with control hole

AE-7930S Silicone tubing 5/package

AE-7931 For use with vitrectomy console



Scleral Plugs

VR by ASICO

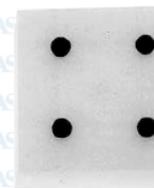
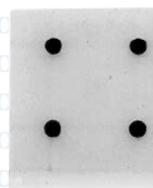
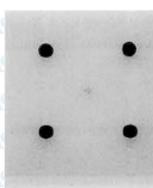
AE-7950 18 gauge, black

AE-7951 19 gauge, red

AE-7952 20 gauge, gold 4/package

AE-7953

Set of 12 plugs, 4 each of 18, 19 and 20 gauge



Infusion



Cannula

AE-7960 2.5 mm

AE-7961 4.0 mm

AE-7962 6.0 mm

Infuses through the pars plana for retinal surgery



Weiss

Single Port Micro Transfer Cannula

AE-7970 Straight, 20 gauge

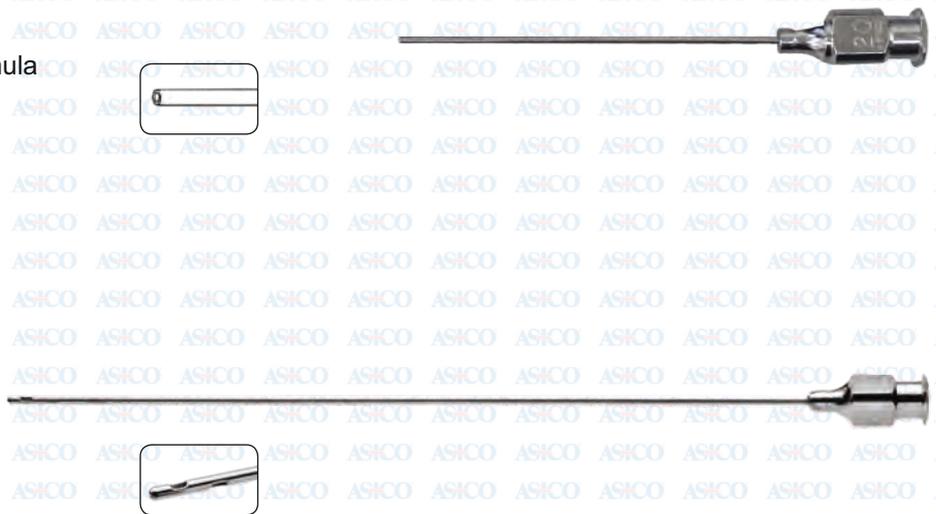


Weiss

Lipostructure Cannula

AE-7976 18 gauge, 60 mm

AE-7977 18 gauge, 80 mm



ASICO



Cleaning I/A Handle

AE7-0029

For TASS Management; I/A handle's complete cleaning capability helps avoid possible contamination; Compatible with all threaded I/A tips, sleeves, and phaco machines





Bimanual

Irrigating Handpiece

AE7-0110 22 gauge

Laser-welded tip provides better durability during sterilization;
Ergonomic handle for comfort;
Spatulated tip allows easy access;
Front opening allows maximum flow for better AC maintenance



Bimanual

Aspirating Handpiece

AE7-0120 22 gauge

Laser-welded tip provides better durability during sterilization; Curved with a capsule polisher; Ergonomic handle for comfort; 0.3 mm port



Vasavada

Micro Irrigation Handpiece

AE7-0201 Curved, 21 gauge

Designed with bullet-shaped front end;
Dual oval port, 0.8 mm x 0.3 mm



Vasavada

Micro Aspiration Handpiece

AE7-0202 Curved, 21 gauge

Designed with bullet-shaped front end;
Single round port, 0.3 mm





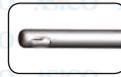
Bimanual

Micro Irrigating Handpiece

AE7-0207 Straight, 23 gauge

AE7-0208 Curved, 23 gauge

Laser-welded tip provides better durability during sterilization;
Ergonomic handle for comfort; Dual oval ports, 0.3 mm x 0.4 mm



Kusaka

Aspirating Handle

AE7-0216 23 gauge

Oval-shaped aspiration port facilitates the removal of lens epithelial cells to reduce the risk of posterior capsule opacity or Elschnig pearls



Bimanual

Micro Aspirating Handpiece

AE7-0217 23 gauge

Dual oval ports, 0.3 mm; Laser-welded tip provides better durability during repeated sterilization cycles;
Ergonomic handle for comfort



Bimanual

Micro Aspirating Handpiece

AE7-0218 23 gauge

Curved with capsule polisher; Dual oval ports, 0.3 mm; Laser-welded tip provides better durability during repeated sterilization cycles;
Ergonomic handle for comfort





DuoMax®

Irrigating Handpiece

AE7-3000

Irrigation handle for interchangeable tips



DuoMax®

Aspirating Handpiece

AE7-3010

Aspiration handle for interchangeable tips

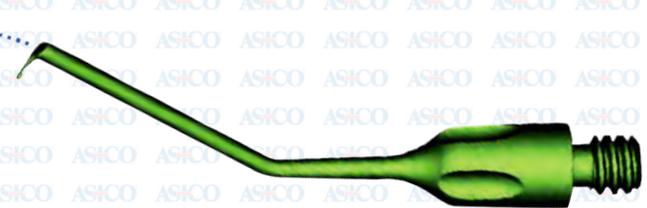


DuoMax®

Nagahara Irrigating Chopper Tip

AE7-3020F 20 gauge

60 degrees; Front opening



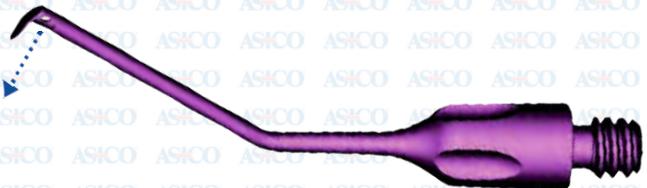
DuoMax®

Tsuneoka Irrigating Chopper Tip,
20 gauge, Side Opening

AE7-3028

AE7-3028FB Front/back opening

With large, dual oval ports at the distal end for maximum irrigation; Sideport configuration avoids pushing away the nucleus being chopped



DuoMax®

Irrigating Tip, 20 gauge

AE7-3030 Side opening



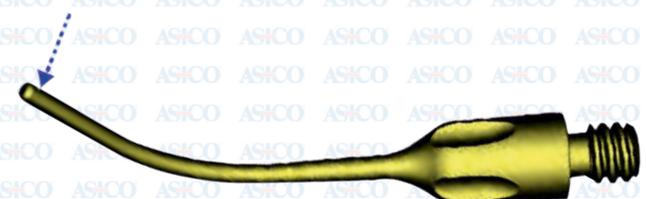
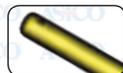
DuoMax®

Aspirating Tip

AE7-3032 20 gauge

AE7-3034 20 gauge with capsule polisher

Aspirating port of 0.3 mm is located at the distal end for effective aspiration of the nucleus



Akahoshi



Mini Straight I/A Tip

AE7-3050 22 gauge tip design for maximum maneuverability; 0.3x0.2 mm oval port allows for 1.6 mm circumferential opening which results in better occlusion to remove cortical material as compared to circular hole; Patented design

AE7-3050NS Without sandblasting



Patented Device
USP 9,233,195

Akahoshi



Mini Bent I/A Tip

AE7-3051 22 gauge tip with bent design for maximum maneuverability; 0.3x0.2 mm oval port allows for 1.6 mm circumferential opening which results in better occlusion to remove cortical material as compared to circular hole; Patented design

AE7-3051NS Without sandblasting



Patented Device
USP 9,233,195

Akahoshi



Mini Curved I/A Tip

AE7-3052 22 gauge tip with S-curved design for maximum maneuverability within a small incision; 0.3x0.2 mm oval port allows for 1.6 mm circumferential opening which results in better occlusion to remove cortical material as compared to circular hole; Patented design

AE7-3052NS Without sandblasting



Patented Device
USP 9,233,195

Akahoshi



Straight Ball I/A Tip

AE7-3060 22 gauge

Designed to safely and effectively polish the capsular bag; Port drilled at 45 degrees, so that the tip approaches the bag at 90 degrees



Patented Device
USP 9,233,195

Akahoshi



Straight Ball I/A Tip with Sandblasting

AE7-3060S 22 gauge

Designed to safely and effectively polish the capsular bag; Port drilled at 45 degrees, so that the tip approaches the bag at 90 degrees



Patented Device
USP 9,233,195

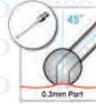
Akahoshi



Bent Ball I/A Tip

AE7-3061 22 gauge

Designed to safely and effectively polish the capsular bag; Port drilled at 45 degrees, so that the tip approaches the bag at 90 degrees



Patented Device
USP 9,233,195





Akahoshi

Bent Ball I/A Tip with Sandblasting

AE7-3061S 22 gauge

Designed to safely and effectively polish the capsular bag with a sandblasted tip



Patented Device
USP 9,233,195



Akahoshi

Curved Ball I/A Tip

AE7-3062 22 gauge

S-shaped tip allows for easier cortical management



Patented Device
USP 9,233,195



Akahoshi

Curved Ball I/A Tip with Sandblasting

AE7-3062S 22 gauge

S-shaped tip allows for easier cortical management; Sandblasted tip



Patented Device
USP 9,233,195



Akahoshi

Mini Straight I/A Tip

AE7-4050 20 gauge

Straight tip is specially designed to allow for increased maneuverability within a small incision



Patented Device
USP 9,233,195



Akahoshi

Mini Bent I/A Tip

AE7-4051 20 gauge

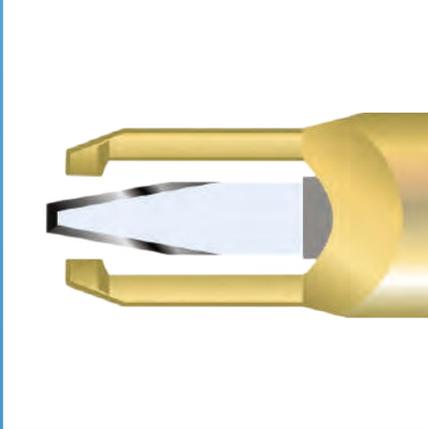
Bent tip is specially designed to allow for increased maneuverability within a small incision



Patented Device
USP 9,233,195



AE-8000 AE-9000 Series



INNOVATIONS
for Better Outcomes®





AE- 8000 Series AE- 9000 Series



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VRTIS: Vitreo Retinal Trocar Instrument set -is the registered trademark of ASICO LLC

SMILE is a registered trademark owned by Carl Zeiss

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Today's Precision...Tomorrow's Vision®

Scan QR Code on Smart Device to View YouTube Videos Link



Kelly

Descemet's Membrane Punch

AE-8302



Kitahara

Rotatable Glaucoma Punch

AE-8304



Memmen

Corneoscleral Punch

AE-8305

Rotatable for easy positioning



Corneal Trephine Blades, Handles, and Crosshair Markers

Size (mm)	Blade	Pannu Crosshair Marker	Handle
6.0	AE-8200		AE-8200H
6.5	AE-8201		AE-8201H
6.7	AE-8202		AE-8202H
7.0	AE-8203		AE-8203H
7.2	AE-8204		AE-8204H
7.5	AE-8205	AE-8205C	AE-8205H
7.7	AE-8206	AE-8206C	AE-8206H
8.0	AE-8207	AE-8207C	AE-8207H
8.2	AE-8208	AE-8208C	AE-8208H
8.5	AE-8209	AE-8209C	AE-8209H
8.7	AE-8210		AE-8210H
9.0	AE-8211		AE-8211H
9.5	AE-8212		AE-8212H
16.0	AE-8219		



AE-8219



ASICO's "see-through" handles are designed to fit the corresponding blade size precisely. Pannu crosshair markers are designed for better centering of the trephine over the patient's cornea and should be used only with the blades and not with the handle and blade combination. ASICO trephine blades are sold non-sterile for one-time use. Trephine handles and crosshair markers are reusable.



BLADE SELECTION CHART

TYPE OF INCISION	IDEAL ASICO BLADE CONFIGURATION
Astigmatic Keratotomy†	Arcuate Blade, 10-Facet
Clear Corneal Incisions	Clearpath, Pathfinder, Universal Pathfinder, Clear Cornea 60°
Limbal Relaxing Incisions†	Trifacet, 10-Facet
Phaco Incisions	Phaco Lancet, Clear Cornea 60°, Pathfinder, Universal Pathfinder, Clearpath
Radial Keratotomy†	Back Cutting (Russian), Front Cutting (American), Dual Control, Double Edge
Scleral Tunnel	Crescent, Round, Trifacet, Double Lancet
Sideport	10-Facet, Trifacet, 45°, Double Lancet

† Must have variable blade length setting feature

HANDLE SELECTION CHART

TYPE OF INCISION	IDEAL ASICO BLADE CONFIGURATION
Dual Micrometer	Features one scale for 0-0.50 mm and second scale for 0.50-1.00 mm; Calibrated in increments of 0.01 mm
Fixed Angle	Fixed angle setting at 30°
Freehand	Blade can be replaced with a different blade configuration
Multi-Angle	4 angle settings at 30°, 60°, 90°, and 180°
TEE	Most economical handle
UNICAT	Features 7 preset depth settings at 0.25, 0.30, 0.38, 0.50, 0.55, 0.60, 6.0 mm

UNICAT HANDLE SETTINGS

INCISION	BLADE SETTING	FOOTPLATE POSITION
Astigmatic Correction	0.50, 0.55, 0.60 mm	Vertical
Entry into Anterior Chamber	6.0 mm	Horizontal**
Initial Groove	0.25, 0.30, 0.38*** mm	Vertical
Sideport*	6.0 mm	Horizontal**

*Only models with width of 1.0 mm or less can be used for sideport incision

**In horizontal position, footplate should be above the diamond

***0.38 mm setting used in glaucoma surgery procedure

Note:

- Complimentary sterilization tray is included with diamond knife purchase
- Lengths of blade dimensions include portion of blades encapsulated in mounting
- 1.00 mm equals 1000 microns (μ)



DIAMOND KNIVES

Chuck Handle

AE-8000 Hexagon, 10.0 cm

AE-8001 Round, 10.0 cm

AE-8002 Round, 7.5 cm



Kellan

Blade Collet

AE-8005

For use with Kellan blades or any thin profile blade; Used along



VRTIS™ Arumi VR by ASICO

Retinal Diamond Knife

AE-8090 25 gauge



Akahoshi

Sideport II Diamond Knife,
0.6 / 1.0 mm

AE-8104

Trapezoidal blade; 0.6 mm at the shoulder and 1.0 mm at the base



Micro Crescent

Diamond Knife, 1.2 mm

AE-8114

Designed for all glaucoma procedures



Micro Incision

Paracentesis (MIP) Diamond Knife, 0.8 / 1.0 mm

AE-8121



Koch

Double Footplate LRI Diamond Knife, 0.5 / 0.55 / 0.6 mm

AE-8122

Trifacet blade for controlled entry; Double footplate ensures consistent wound architecture

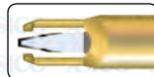


Miyata

LRI Diamond Knife, 0.45 / 0.5 / 0.55 mm

AE-8122A

Trifacet blade for controlled entry; Double footplate ensures consistent wound architecture



Akahoshi

Sub Sideport Diamond Knife II, 0.6 mm

AE-8131



ASICO

Fixed Angle, 30-Degree Diamond Knife, 2.5 mm,

AE-8134

30 Degree Bend to Handle



Fixed Angle

30-Degree Diamond Knife, 3.0 mm, Parallel

AE-8136

30-degree angulated handle offers the convenience of a permanent angle setting for superior or temporal incisions; Features a thin mounting 30 Degree Bend to Handle



TEE

Diamond Knife, Double Lancet

AE-8142

1.0 mm length x 0.2 mm thickness; Double lancet blade



DIAMOND KNIVES

Universal

Pathfinder Diamond Knife, Trapezoidal

AE-8145 2.5 / 3.2 mm, angled



Zaldivar

LRI Diamond Knife, 0.6 mm

AE-8147S

Preset length setting at 0.60 mm with 1.0 mm width; Trifacet tip with side-cutting edges



Zaldivar

Anterior Procedure (ZAP) II Diamond Knife

AE-8149

10-facet blade; Side-cutting edges; Flat tip for controlled entry



Akahoshi

Micro Diamond Knife, 2.4 / 2.7 mm Trapezoidal, Angled

AE-8157



Phaco Lancet

Multi-Angle Diamond Knife, 3.0 mm

AE-8164



Multi-Angle

Diamond Knife, 2.8 mm, Parallel

AE-8172

Multi-angle handle offers the convertibility of a straight knife to an angled knife of 30, 60, or 90 degrees



Multi-Angle

Diamond Knife, 3.2 / 3.5 mm, Trapezoidal

AE-8177

Multi-angle handle offers the convertibility of a straight knife to an angled knife of 30, 60, or 90 degrees



3-Step

LRI Diamond Knife

AE-8186 0.45 / 0.5 / 0.55 mm depth setting

AE-8187 0.5 / 0.55 / 0.6 mm depth setting



Akahoshi



Ultra Diamond Knife, 2 / 2.3 mm, Trapezoidal, Straight

AE-8190



Akahoshi



Nano Diamond Knife, 1.7 / 2 mm, Trapezoidal, Straight

AE-8192



DIAMOND KNIVES

Fukuyama

LRI Diamond Knife, 1 mm
 Double Footplate

AE-8194

Micrometer allows precise
 settings in increments of 100
 microns (0.10 mm)

AE-8194A

With 0.45 / 0.5 / 0.55 mm
 depth settings



ASICO

Dual Micrometer LRI Diamond
 Knife, 1 mm, Single Footplate

AE-8196



Elliot

Scleral Trephine Handle

AE-8250

Handle to mount 1.0, 1.5, and 2 mm
 trephines; Used in corneal donation
 to cut out the cornea in a circular
 fashion



Elliot

Scleral Trephine Blade

AE-8251 1.0 mm

AE-8252 1.5 mm

AE-8253 2.0 mm



A SECOND GENERATION CLEAR CORNEAL DIAMOND KNIFE

Designed by Lee Nordan, MD

Clearpath features a thin leading edge with specially designed bevels for ease of entry with minimum pressure.

Clearpath blade maximizes the surface area of the wound closed by the endothelium's pumping action in order to create a sealed inner corneal valve.

Clearpath's "Corneal Valve Designator" ensures exact wound dimensions.

Clearpath's design eliminates the need for hydration to achieve a self-sealing incision.

Clearpath is ideal for limbal corneal, corneoscleral, clear corneal, or scleral procedures.



Clearpath

Diamond Knife

AE-8158

2.5 mm blade; Angled handle



Benefits:

- "ICV" designator creates an inner corneal valve of consistent length prior to entry into the anterior chamber
- "Dimpling down" is eliminated when entering the anterior chamber, as the shelf on the blade automates this process
- Hydration of the wound is eliminated due to the facet design of the blade

Suggestions for Use:

- Fill anterior chamber with viscoelastic prior to making incision
- Enter parallel to iris plane



MULTI-INCISION DIAMOND KNIVES

Designed by Manus Kraff, MD

1.0 mm blade diamond knives feature the UNICAT handle with 7 preset length settings (0.25 mm, 0.30 mm, 0.38 mm, 0.50 mm, 0.55 mm, 0.60 mm, 6.0 mm) for initial groove incision, sideport incision, anterior chamber entry, and astigmatic correction. Single footplate allows for better visualization of incision.



UNICAT

Double Lancet Blade

AE-8132

1.0 mm wide blade; Double lancet with single footplate for better visualization



UNICAT

10-Facet Blade

AE-8133

1.0 mm blade with 10 facets and side-cutting edges; Blade features a flat tip and settings at 0.50 mm, 0.55 mm, and 0.60 mm, making it ideal for astigmatic correction such as corneal arcuate incisions or limbal relaxing incisions

UNICAT HANDLE SETTINGS



The precise micrometer has seven preset settings. The setting represents the length of the diamond blade from the edge of the footplate to the tip of the diamond.

INCISION	BLADE SETTING	FOOTPLATE POSITION
Initial Groove	0.25, 0.30, 0.38** mm	Vertical
Sideport	6.0 mm	Horizontal*
Entry into Anterior Chamber	6.0 mm	Horizontal*
Astigmatic Correction	0.50, 0.55, 0.60 mm	Vertical

* In horizontal position, footplate should be above diamond

** 0.38 mm setting for glaucoma surgical procedures



TEE DIAMOND KNIVES

Titanium Economical Ergonomic

- TEE diamond knives feature all titanium handles and a special surface coating for durability; 6.0 mm long blade allows for recutting and grinding in case repair is needed
- Blade is fully encapsulated and mounted using a vacuum process for security
- Available with three blade configurations shown below



AE-8140

1.0 mm length x 0.2 mm thickness;
45° angle blade



AE-8142

1.0 mm length x 0.2 mm thickness;
Double lancet blade



AE-8144

1.0 mm length x 0.2 mm thickness;
Trifacet blade





AE-8225 Aquavella KPRO System

Cornea punch units are utilized by cornea surgeons for a variety of surgical procedures. The punch unit is designed with simplicity, ease of cleaning and sterilization in mind, and to avoid the potential for mechanical failure. The punch set can be easily disassembled, sterilized and stored.



Aquavella Corneal Punch Set - 3D rendering of the device

Punch is designed for easy disassembly, cleaning, and sterilization.

The unique construction enables constant visualization of the donor tissue. The targeted base (tissue holders) facilitates centration, while precut grooves match each trephine diameter to prevent bending and damage to both tissue and disposable trephine blades.



Tissue holders are designed for specific sizes - designed for 3.0 mm (AE-8281), 7.0 mm (AE-8282), 8.0 mm (AE-8283), 8.5 mm (AE-8284), 9.0 mm (AE-8285), 10.0 mm (AE-8286), and 11.0 mm (AE-8287).
Cutout in the tissue holder prevents damage to the trephine blades.

The sets of trephine holders and bases are sized to match each other, providing a number of options which can be selected to suit the pathology and specific surgical technique.



Trephine holder with see-through hole ideal for centration - Designed for 7.0 mm, 8.0 mm, 8.5 mm, 9.0 mm, 10.0 mm, and 11.0 mm. Trephine holder for 3.0 mm is without see-through hole.



The trephine holder works hand-in-hand with the Aquavella Corneal Punch set:

- A unique trephine holder with a 3.0 mm trephine is used to punch the donor tissue and create a centration point on the tissue
- Every tissue holder is designed with a 3.0 mm metal stud to hold the punched donor tissue in place, such that the specific sized trephine can be used to achieve the final cut
- The trephine holders with see-through centers assist in the process of trephination

The kit includes four instruments specifically designed to assist in initial or secondary keratoprosthesis surgery. A grooved donor spoon is useful (**AE-2481**) in removing the donor tissue from the trephine base. A special fine toothed forceps (**AE-4122**) is ideal for secure grasping of the prosthesis during assembly.



Special Fine Toothed Forceps (AE-4122)

In the set of instruments is a pair of angulated, serrated rakes to enable stabilization of the implanted KPro during repair procedures.



Angulated, Serrated Rake (AE-2482)



Grooved Donor Spoon (AE-2481)



AE-8226 - Aquavella KPro Punch System

Includes the entire set of trephine holders (**AE-8270 to AE-8276**), tissue holders (**AE-8281 to AE-8287**) and the punch station (**AE-8225**); Also includes a specially designed tray for the set



AE-8227 - Aquavella KPro System

Includes all of the above (**AE-8226**) in addition to the grooved donor spoon (**AE-2481**), the pair (2 qty) of Aquavella angulated, serrated rakes (**AE-2482**), and fine toothed forceps (**AE-4122**); Also includes a specially designed tray for the entire set





ASICO

Royale III Injector

AE-9036SP

Specially designed plunger style instead of screw mechanism for simple, stable, and speedy single-handed injection

Designed for Alcon Monarch C & D cartridges; Direction for Use(DFU) and care instructions included with the product
Alcon and Monarch are the registered trademarks of Alcon

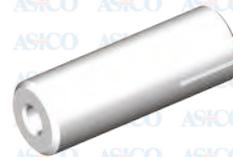
Patent #
USP 7,097,649



ASICO

Protective Caps For Injector Models
AE-9036SP and AE-9063CSP

AE-9045C



Gauge

For Royale II Injector

AE-9045G



Screw

For Royale Injector

AE-9045S

Small screw for the ASICO
Injector **AE-9036SP**



Thumb Rings

For Royale Unihand Injector
AE-9046



Patent #
USP 9,095,425

ASICO

Protective Caps

AE-9047

For ASICO micro instruments 20G, 23G,
25G, and 27G



ASICO

Protective Caps

AE-9048

For ASICO micro instruments with short
handle 23G, 25G, and 27G instruments



ASICO

Royale III Cleaning Injector

AE-9063CSP

Latest in the ASICO Royale series
of injectors designed for the Alcon®
Monarch® C and D cartridges

Specially designed plunger style instead of
screw mechanism for simple, stable and speedy
single-handed injection. Alcon and Monarch are
the registered trademarks of Alcon

Injector body comes apart for
thorough cleaning



Patent #
USP 9,095,425



Gauge

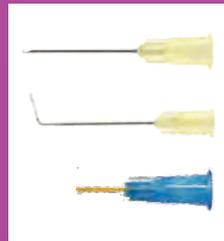
For Royale III Injector

AE-9063G

Used to check if the plunger of ASICO
injectors **AE-9036SP** and **AE-9063CSP**
is bent



AS - 1000 AS - 7000 Series AS - 8000 AS - 9000



INNOVATIONS
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AS - 1000 Series

AS - 7000 Series

AS - 8000 Series

AS - 9000 Series



Description	Page
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• Air Injection Cannulas	198
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• Capsule Polisher	200
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• Back Flush Needles	201-202
• Vitreoretinal Cannulas	202
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VRTIS: Vitreo Retinal Trocar Instrument set-is the registered trademark of ASICO LLC

SMILE is a registered trademark owned by Carl Zeiss

Marking Pens-available 10 per box

Cannulas-available 10 per box, unless otherwise specified

Single-Use Blades - available 6 per box

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Gauge Conversion Chart

Gauge	ID* (inch)	ID* (mm)	OD** (inch)	OD** (mm)
19G	0.028	0.70	0.043	1.10
20G	0.024	0.60	0.036	0.90
21G	0.020	0.51	0.032	0.80
22G	0.016	0.41	0.028	0.70
23G	0.013	0.33	0.025	0.60
24G	0.012	0.30	0.022	0.55
25G	0.010	0.25	0.020	0.50
26G	0.010	0.25	0.018	0.45
27G	0.008	0.20	0.016	0.40
28G	0.007	0.18	0.014	0.36
29G	0.007	0.18	0.013	0.33
30G	0.006	0.15	0.012	0.30

*Inner diameter

**Outer diameter



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SINGLE-USE CANNULAS

Probst

LASIK Speculum

AS-1008

Single use LASIK speculum with 20mm blades



Regular Tip

Marking Pens

AS-1583N

Disposable marking pen; Regular tip



Disposable Micro Tip

Marking Pens

AS-1584N

Disposable marking pen; Micro tip



Air Injection (Rycroft)

Cannula

AS-7000 30 gauge 3/4"

AS-7001 27 gauge 3/4"

AS-7001L 27 gauge 7/8"



Irrigating Cystotome

Cannula

AS-7152 25 gauge 7/8"

AS-7152S 25 gauge 5/8"



Irrigating Cystotome, Form

Cannula

AS-7153S 25 gauge 5/8" (15.9 mm)



Anterior Chamber

Cannula

AS-7002 25 gauge

AS-7003 27 gauge



Bishop-Harmon

Irrigating Cannula

AS-7200 19 gauge



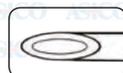
Peribulbar

Needle

AS-7068 25 gauge 7/8"

AS-7069 23 gauge 1 1/4"

Single bevel for periorcular injections



- CÁNULAS DE UN SÓLO USO • CANULES À USAGE UNIQUE
- CANNULE MONOUSO • EINMAL-KANÜLEN
- シングルユースカニューレ



SINGLE-USE CANNULAS

J-Shaped

Cannula

AS-7208 27 gauge

AS-7209 25 gauge

For cortex removal at superior pole



Atkinson

Retrobulbar Needle

AS-7070 23 gauge 1 1/2"

AS-7071 25 gauge 1 1/2"



Subtenon

Needle

AS-7075 19 gauge

Flattened tip



LASIK

Irrigator Cannula

AS-7227 27 gauge

Single-use LASIK cannula designed with bent tip



Slade

LASIK Cannula

AS-7282 26 gauge

For cortex removal at superior pole



Buratto

LASIK Cannula

AS-7284 25 gauge



Guell

LASIK Irrigating Cannula

AS-7288 25 gauge

Designed for cleaning the interface while occupying a minimum amount of space under the flap



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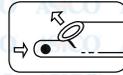


SINGLE-USE CANNULAS

Simcoe

Irrigating-Aspirating Cannula
AS-7330 23 gauge

Irrigation with angled front opening;
 Aspiration with 0.3 mm port; Irrigation
 on the needle hub and aspiration on
 the tubing hub; Supplied with tubing



Simcoe

Reverse Irrigating-Aspirating Cannula
AS-7330R

Same as **AS-7330** with tubes reversed;
 Irrigation on the tubing hub and
 aspiration on the needle hub;
 Supplied with tubing



Simcoe

Cortex Extractor

AS-7430 23 gauge, 13 mm

AS-7431 23 gauge, 21 mm

Ideal for removing 12 o'clock cortex
 from sideport



Terry

Capsule Polisher

AS-7539 27 gauge

With silicone sleeve for polishing
 posterior capsule



SINGLE-USE CANNULAS



Nucleus

Hydrodissection Cannula
AS-7626 27 gauge
AS-7626T 27G
 27 gauge, in compact packaging
AS-7629 25 gauge
 Angled; Horizontal flow
 27 gauge, in compact packaging



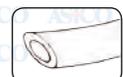
Kellan

Hydrodissection Cannula
AS-7627 25 gauge
 Curved; Vertical flow



J-Shaped

Hydrodissection Cannula
AS-7628 25 gauge
 For superior pole



Kellan

Hydrodelineation Cannula
AS-7630 25 gauge
AS-7631 27 gauge
 Curved bevel tip; Sharp on top
 and smooth on bottom for ease of
 insertion into nucleus and protection
 of posterior capsule



Sauter

Hydrodissection Cannula
AS-7632 27 gauge
 Flattened on vertical plane



Akahoshi

Hydrodissection Cannula II
AS-7636 27 gauge
 Beveled tip can be easily inserted
 beneath the capsulorhexis edge



Chang

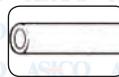
Hydrodissection Cannula II
AS-7638 27 gauge
 90-degree, 1 mm tip



Tan

DALK Cannula
AS-7803 27 gauge

Used to create an ideal big bubble
 when attached to a 5 mm air-filled
 syringe



Packo

Back Flush Needle
AS-7900* 19 gauge, blunt



*For use with back flush handle



SINGLE-USE CANNULAS



Packo
 Back Flush Needle
AS-7901* 20 gauge, blunt




Packo
 Back Flush Needle
AS-7903*
 20 gauge tapers to 25 gauge




Packo
 Subretinal Fluid Drainage Cannula
AS-7905*
 20 gauge with 25 gauge tip; Side opening




Subretinal Fluid Drainage
 Needle
AS-7906* 20 gauge
 Straight; Silicone tip




Subretinal Fluid Drainage
 Needle
AS-7907* 20 gauge
 Curved; Silicone tip



*For use with back flush handle



Irrigating
 Micro Retinal Pick
AS-7911*
 20 gauge cannula tapers to 25 gauge with 3/16" (4.76 mm) sharp tip; Cutting edge bent to 50°




Irrigating
 Micro Retinal Pick
AS-7912* 20 gauge
 With 2.0 mm long pick




Irrigating
 Micro Retinal Pick
AS-7913* 20 gauge
 With 4.0 mm long pick




Vitreoretinal
 Viscodissector
AS-7915*
 20 gauge x 1" (25.4 mm) narrows to 30 gauge x 3/16" (4.76 mm); Flattened 1.0 mm tip is angled 90°




SINGLE-USE CANNULAS



Brush Tip

cannula

AS-7925 20 gauge

AS-7926 23 gauge

AS-7927 25 gauge

Soft silicone brush tip allows gentle brushing and manipulation of the retina; Excellent for manipulation and removal of blood from the retina surface



Soft Tip

Cannula

AS-7930 20 gauge

AS-7931 23 gauge

AS-7932 25 gauge

Soft flexible tip on the cannula provides atraumatic entry through retinal or macular tears or holes



Charles

Flute Cannula

AS-7935 20 gauge

AS-7936 23 gauge

AS-7937 25 gauge

Designed to aspirate blood and debris from the posterior segment; Smooth tip provides atraumatic entry and reduces risk of trauma to surrounding tissue



Dual Bore

PFC Cannula

AS-7940 20 gauge

AS-7941 23 gauge

Simultaneous infusion of heavy liquids and aspiration of intraocular fluids; Dual bore enables constant intraocular pressure during injection



Viscous Fluid

Injection Cannula

AS-7946 23 gauge

Injects viscous fluids such as silicone oil through a trocar cannula; 10 mm polyamide tip



Jod

30G Cannula With Silicone Tubing At Tip

AS-7661

Single use cannula for endothelial removal and Descemet membrane transplant surgery



ASICO[®] Incisional Instruments

Advancut[®] Single-Use Clear Cornea Knife

Advancut[®]

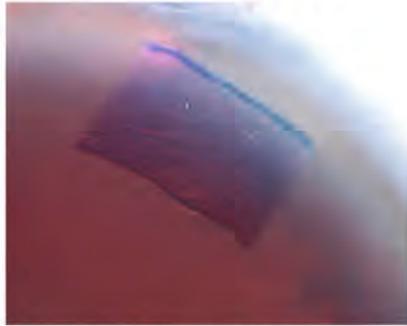
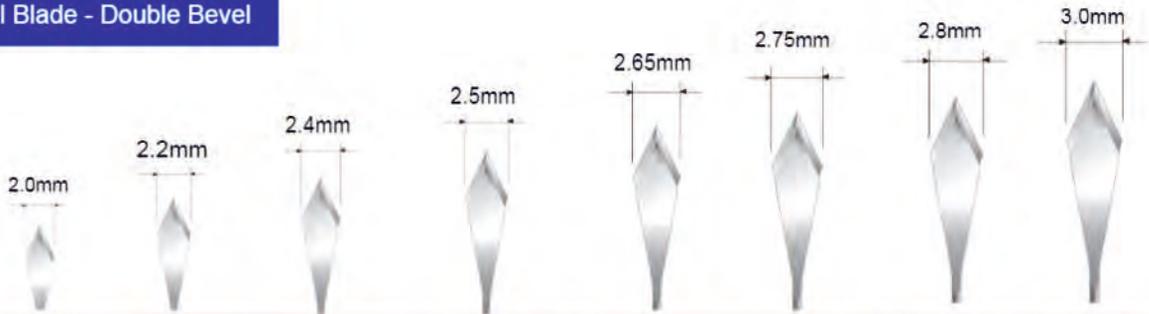


Photo courtesy of David M. Lubeck, MD
Homewood, IL

Advancut is the only patented blade to make a clear corneal SQUARE incision every time > the best wound architecture. The incision is self-sealing without hydration 99% of the time.

Blade is parallel to the Iris Plane when making incision - no change in Hand Position is required to make the inner corneal valve

Clear Corneal Blade - Double Bevel



- CC 2.0mm
- CC 2.2mm
- CC 2.4mm
- CC 2.5mm
- CC 2.65mm
- CC 2.75mm
- CC 2.8mm
- CC 3.0mm

Regular Blade



- AS-8312
- AS-8313
- AS-8315
- AS-8316
- AS-8318
- AS-8320
- AS-8321
- AS-8324

Safety Blade



- AS-8312ASB
- AS-8313ASB
- AS-8316ASB
- AS-8318ASB
- AS-8321ASB
- AS-8324ASB



Safety blades extend and retract with an easy twist(1) and glide(2) action to minimize blade exposure and keep you and your OR staff safe!

Sideport



Sideport 1.0mm
AS-8421



SINGLE USE IRIS HOOKS



MaxIRIS® Akahoshi

Flexible Iris Retractor

AS-9255

Features a unique packaging modality that enables surgeon to use each iris hook separately and to remove one iris hook at a time as necessary for the procedure (Pending CE approval)

Hydrophobic Disc offers controlled resistance enabling hook to stay in position

AS-9255S

Flexible Iris Retractor with Silicone Disc

Parallel hook end will not get stuck in incision

Smooth finish on material in contact with the cornea and iris

Hydrophobic disc offers controlled resistance enabling hook to stay in position



MaxIRIS® Akahoshi

Flat Iris Retractor

AS-9256

Larger iris contact area; Less chance of iris tissue tearing; Less traumatic for iris tissue; More stable than round iris retractor (Pending CE approval)

Hydrophobic Disc offers controlled resistance enabling hook to stay in position

AS-9256S

Flexible Flat Iris Retractor with Silicone Disc

Flat profile for ease of insertion



Flat profile allows for better grip to avoid disc from torquing



MaxIRIS® Akahoshi

Twin Fiber Iris/Capsule Retractor

AS-9257

Exclusive strand align technology provides larger area of contact to protect iris and capsule; Flat hook allows easier grip by forceps without rotation or twisting; When used to sustain the capsulorhexis edge, the risk of tearing the fragile capsule is reduced (Pending CE approval)

Hydrophobic Disc offers controlled resistance enabling hook to stay in position

AS-9257S

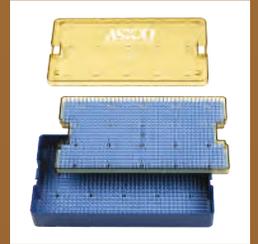
Twin Fiber Iris/Capsule Retractor with Silicone Disc



Unique packaging allows each iris hook to be packed separately in individual chambers, which ensures the orientation of the hook and easy pick up



Sterilization Trays



INNOVATIONS
for Better Outcomes[®]



ASICO® Sterilization Trays



Description	Page
• Diamond Knife Sterilization Tray	208
• Small Sterilization Tray	208
• Micro Instrument Sterilization Tray	209
• Medium Sterilization Tray	209
• Medium Double Sterilization Tray	210
• Medium Deep Sterilization Tray	210
• Large Sterilization Tray	210
• Large Double Sterilization Tray	211

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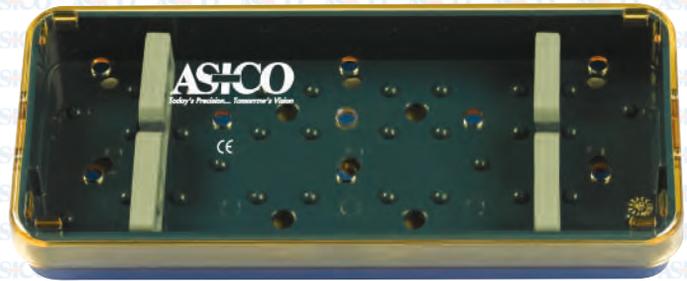
STERILIZATION TRAYS

Diamond Knife Sterilization Tray

2.5" x 6" x 0.75", 2 Diamond Knives

AST21

AST21L Replacement Lid for **AST21** /
AST21S



Small Sterilization Tray

2.5" x 6" x 0.75", 3 Instruments

AST21S

AST21SM Replacement Mat for
AST21S



- BANDEJAS DE ESTERILIZACION • BOITES DE STERILISATION
- VASSOI DE STERILIZZAZIONE
- STERILISIERKASSETTEN • 滅菌トレイ

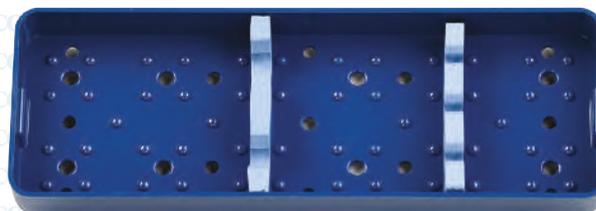
STERILIZATION TRAYS

Micro Instrument Sterilization Tray

2.5" x 7.5" x 0.75", 2 Micro scissors or 2 micro forceps

AST22

AST22L Replacement Lid for AST22



Medium Sterilization Tray

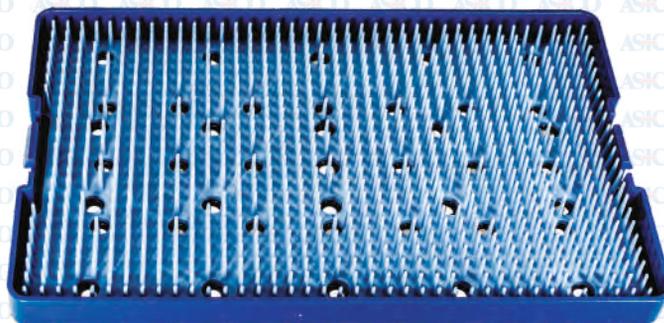
6" x 10" x 0.75", 10 to 15 Instruments

AST28

AST28M Replacement Mat for

AST28 / AST34 / AST35

AST28L Lid for AST28



STERILIZATION TRAYS

Medium Double Sterilization Tray

6" x 10" x 1.5", 20 to 30 Instruments

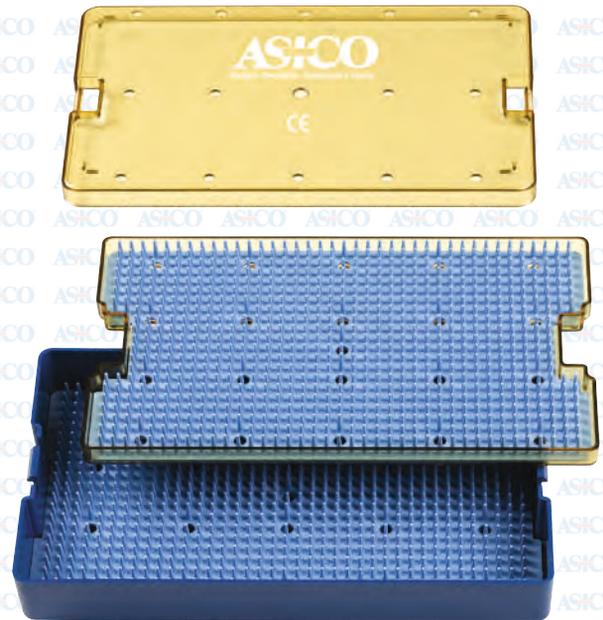
AST34

AST34I Replacement Insert Tray for **AST34**

AST34L Replacement Lid for **AST34 / AST35**

AST34IM Replacement Insert Tray Mat for **AST34**

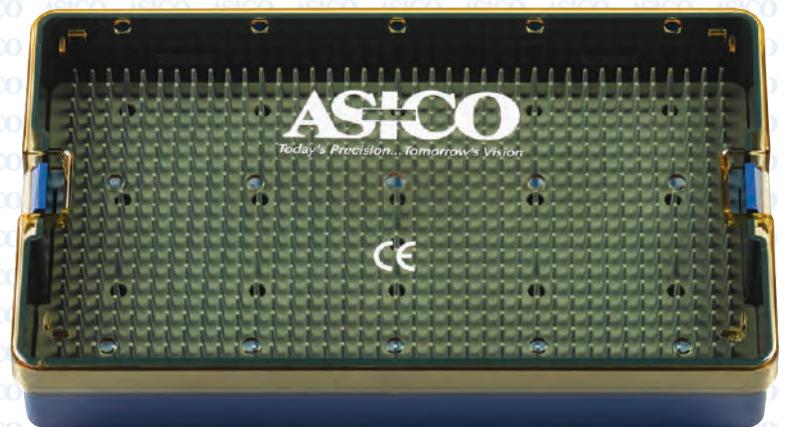
AST34M Replacement Mat for **AST34**



Medium Deep Sterilization Tray

6" x 10" x 1.5", 10 to 15 Instruments

AST35



Large Sterilization Tray

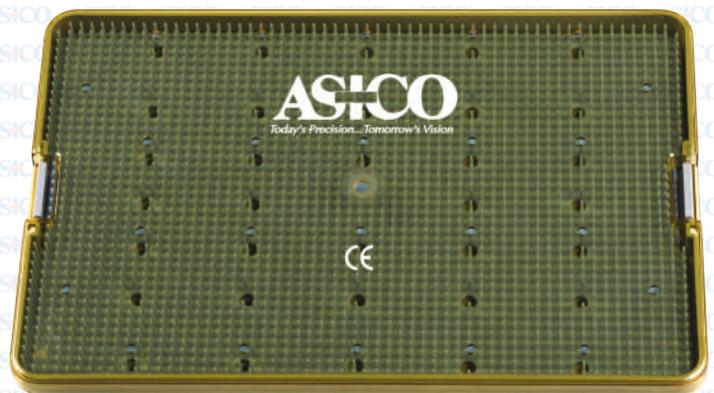
10" x 15" x 0.75", 25 to 30 Instruments

AST54

AST54B Base for **AST54**

AST54L Replacement Lid for **AST54**

AST54M Replacement Mat for **AST54 / AST57 / AST58**



Large Double Sterilization Tray

10" x 15" x 1.5", 50 to 60 Instruments

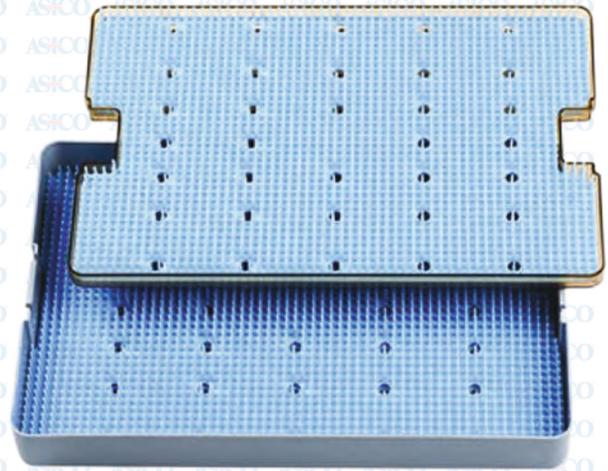
AST57

AST57L Replacement Lid for **AST57 / AST58**

AST57IT Replacement Insert Tray for **AST57**

AST57IM Replacement Insert Tray Mat for **AST57**

AST57ITM Replacement Insert Tray Mat for **AST57**

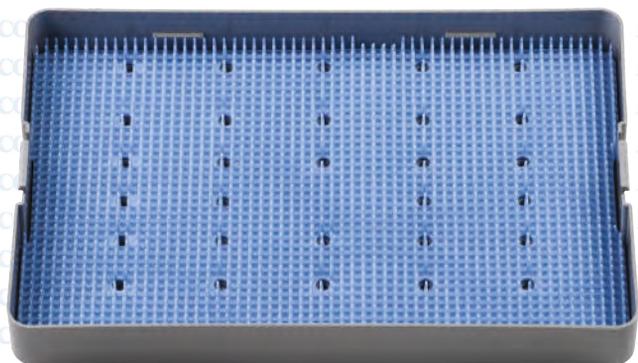


Deep tray for larger instruments

10" x 15" x 1.5", 25 to 30 Instruments

Deep tray for larger instruments

AST58



Instrument Sets



INNOVATIONS
for Better Outcomes®



ASICO® Instrument Sets



Description	Page No.
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• Akahoshi Basic Cataract Set	214
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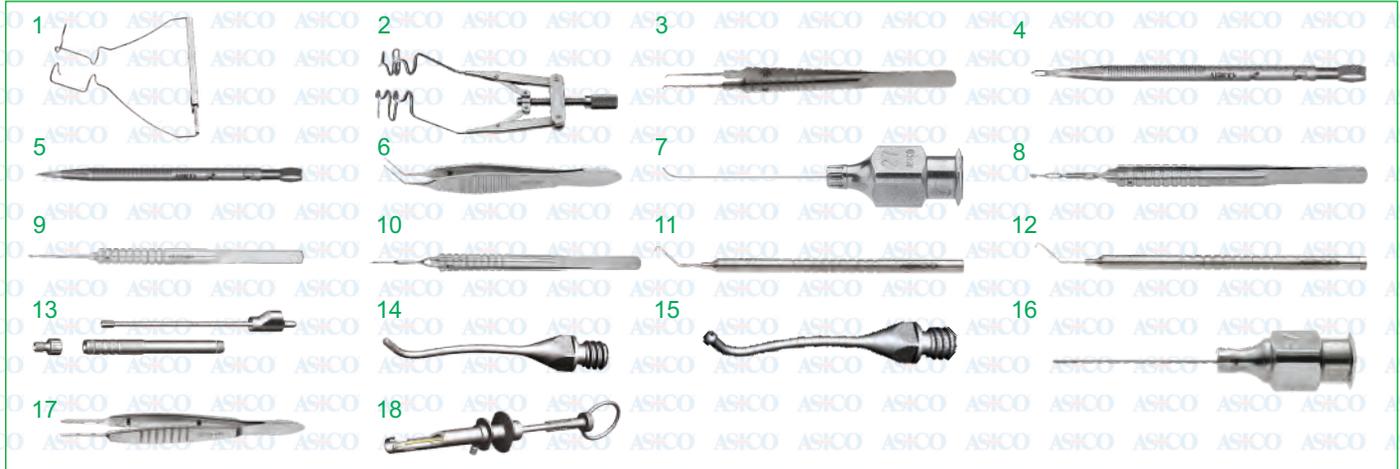
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AKAHOSHI CATARACT EFFICIENCY SET AE10-1009



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2	Akahoshi Adjustable Speculum	AE-1071	24
3	Akahoshi universal fcps	AE-4180	106
4	Akahoshi ultra DK, 2/2.3mm, trap, str	AE-8190	187
5	Akahoshi Sub II Sideport DK, 0.6mm	AE-8131	185
6	Akahoshi Micro Incision CCC Forceps	AE-4347	119
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17	Akahoshi Acrylic IOL Loading Fcps	AE-4253N	112
18	ASICO Royale III Injector	AE-9036SP	194

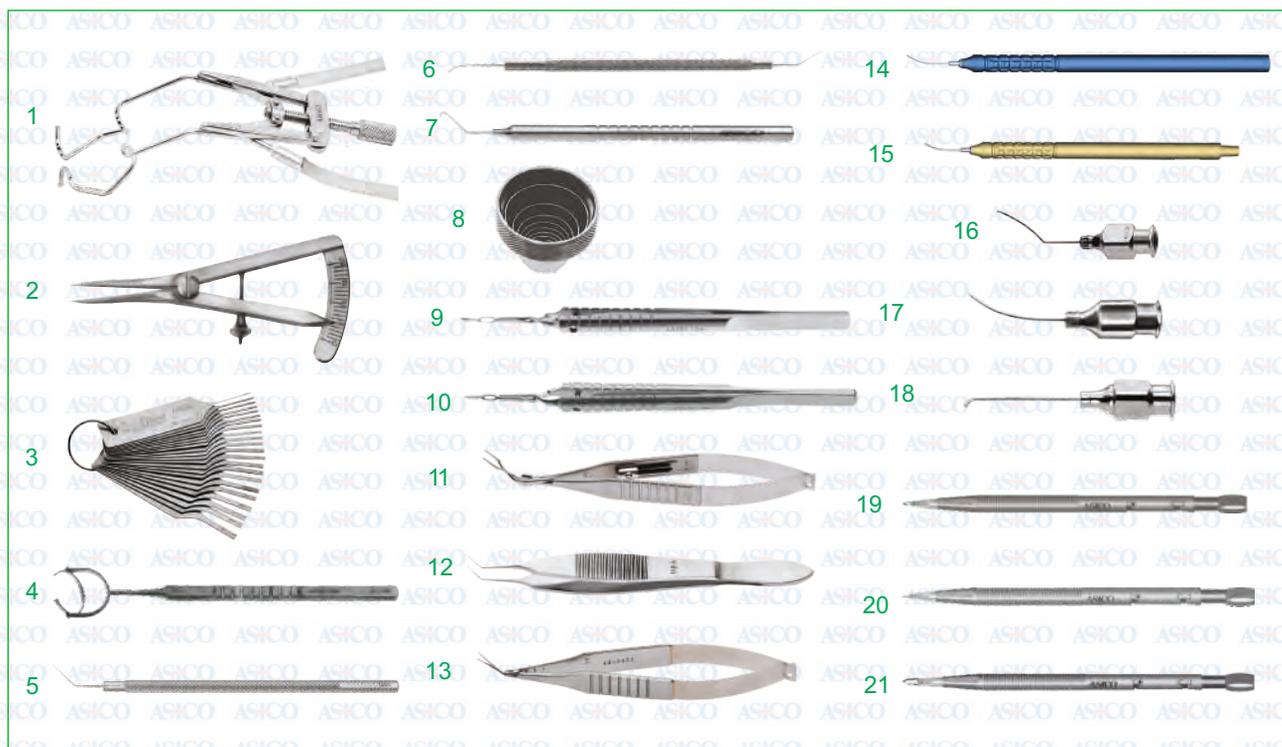
AKAHOSHI BASIC CATARACT SET AE10-1010



No.	Instrument Type	Suggested	Page
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3	Akahoshi Vienna Window Prechopper	AE-4183	106
4	Akahoshi Universal II Pre-Chopper, Thin tips	AE-4192A	107
5	Akahoshi Nucleus Manipulator	AE-2530	63
6	Akahoshi Hydrodiss Cann II, 27G, Bvl Tip	AE-7636	170



CATARACT CLEAR CORNEAL SET AE10-1011

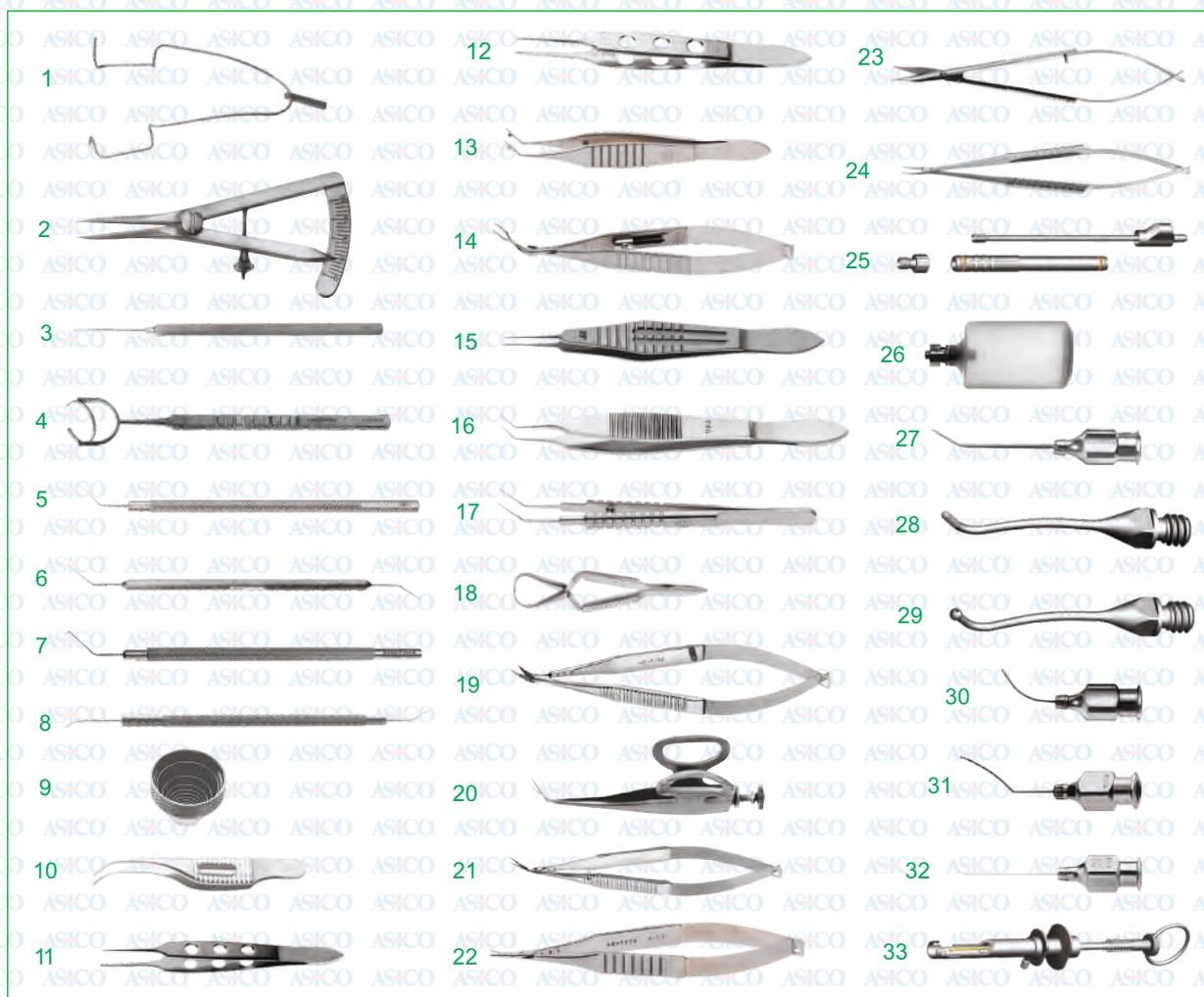


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15	Bimanual Micro Aspirating Handpiece, 23G	AE7 - 0218	176
16	Buratto Hydrodissection Cannula	AE - 7621	169
17	Kellan Hydrodissection Cannula	AE - 7630	169
18	Miyoshi Ultimate Hydrodissection Cannula	AE - 7643	170
19	Micro Incision Paracentesis (MIP) Diamond Knife, 0.8/1 mm	AE - 8121	184
20	Akahoshi Sub Sideport Diamond Knife II, 0.6 mm	AE - 8131	185
21	Akahoshi Ultra Diamond Knife, 2/2.3 mm, Trapezoidal, Straight	AE - 8190	187



CATARACT PHACO SET AE10-1012

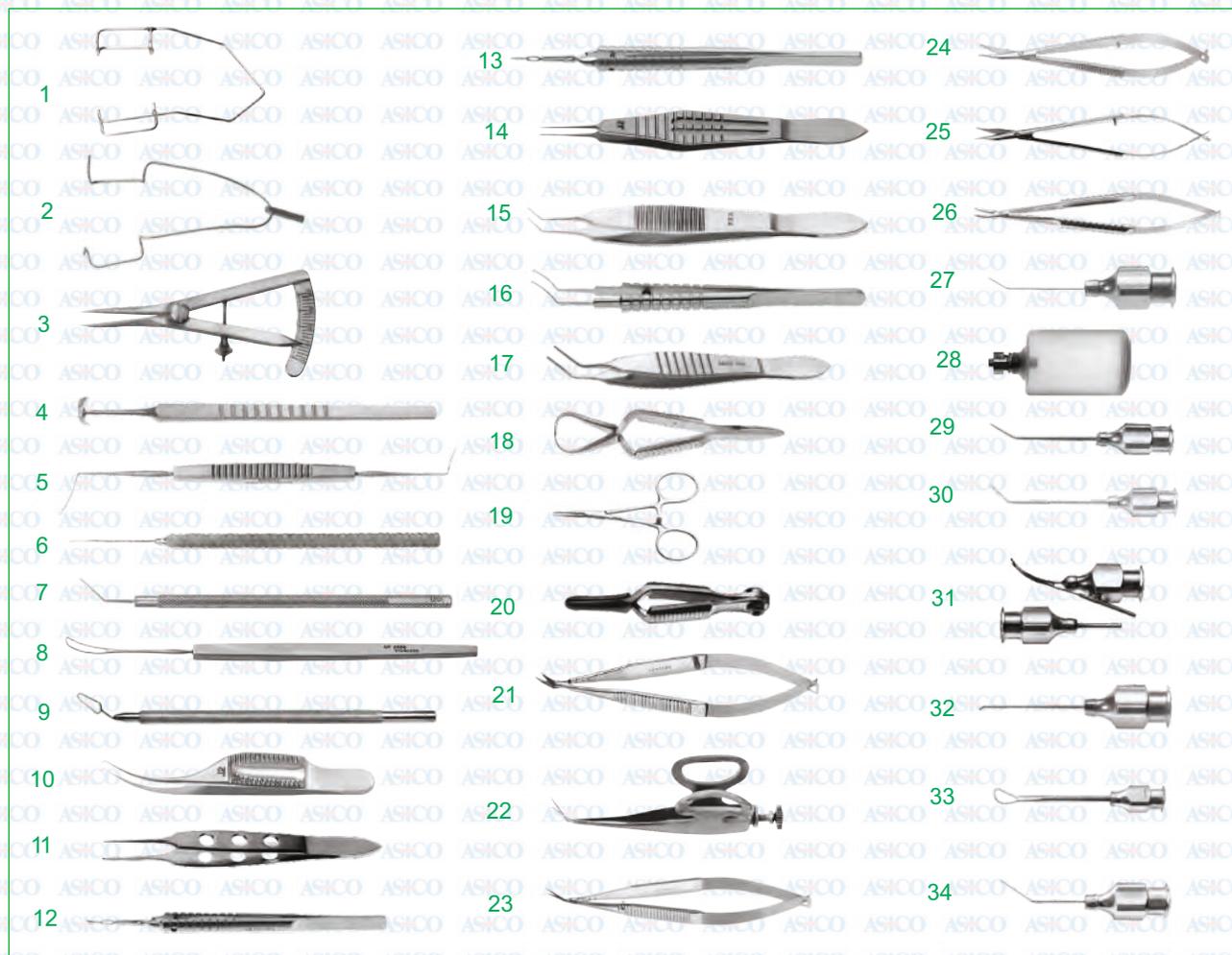


No.	Instrument Type	Suggested	Page
1	Pannu-Kratz-Barraquer Aspirating Speculum	AE - 1021	23
2	Castroviejo Caliper, Straight	AE - 1500	36
3	Bonn Micro Iris Hook	AE - 2150	48
4	Fine-Thornton Fixation Ring	AE - 2198	50
5	Sinskey IOL Manipulating Hook II, Angled	AE - 2208	50
6	Maloney Nucleus Rotator	AE - 2512	61
7	Nagahara Phaco Chopper IV	AE - 2517	61
8	Koch-Nagahara Spatula & Chopper	AE - 2520	62
9	Maloney Astigmatism Keratometer	AE - 2743	73
10	Gill Curved Iris Forceps	AE - 4011	100
11	Bishop-Harmon Tissue Forceps	AE - 4101	103
12	Bishop-Harmon Dressing Forceps	AE - 4102	104
13	ASICO Direct Action Folding Forceps	AE - 4262AN	113
14	ASICO Direct Action Implantation Forceps, with Lock	AE - 4267	113
15	Castroviejo Suturing Forceps, 0.12 mm	AE - 4300	117

No.	Instrument Type	Suggested	Page
16	McPherson Tying Forceps	AE - 4374	121
17	Akahoshi-Tjia Forceps with Round Handle, Straight Tips	AE - 4344R	118
18	Baby Jones Towel Clamp	AE - 4800	130
19	Castroviejo Corneal Section (Corneoscleral) Scissors	AE - 5012	140
20	Barraquer Iris Scissors	AE - 5220	142
21	Stern-Gills Capsulotomy Scissors	AE - 5490	143
22	McPherson-Westcott Conjunctival Scissors	AE - 5505	144
23	Westcott-Type Stitch Scissors	AE - 5510	145
24	Barraquer Needle Holder, Curved, with Lock	AE - 6141	154
25	ASICO Cleaning I/A Handle	AE7 - 0029	174
26	Bishop-Harmon Silicone Bulb & Adaptor Set	AE - 7195	162
27	Bishop-Harmon Irrigating Cannula	AE - 7200	162
28	Akahoshi Mini Curved I/A Tip	AE7 - 3052	178
29	Akahoshi Curved Ball I/A Tip	AE7 - 3062	179
30	Simcoe Cortex Extractor	AE - 7431	166
31	Buratto Hydrodissection Cannula	AE - 7621	169
32	Akahoshi Hydrodissection Cannula II	AE - 7636	170
33	ASICO Royale III Injector	AE - 9036SP	194



ECCE SET AE10-1013

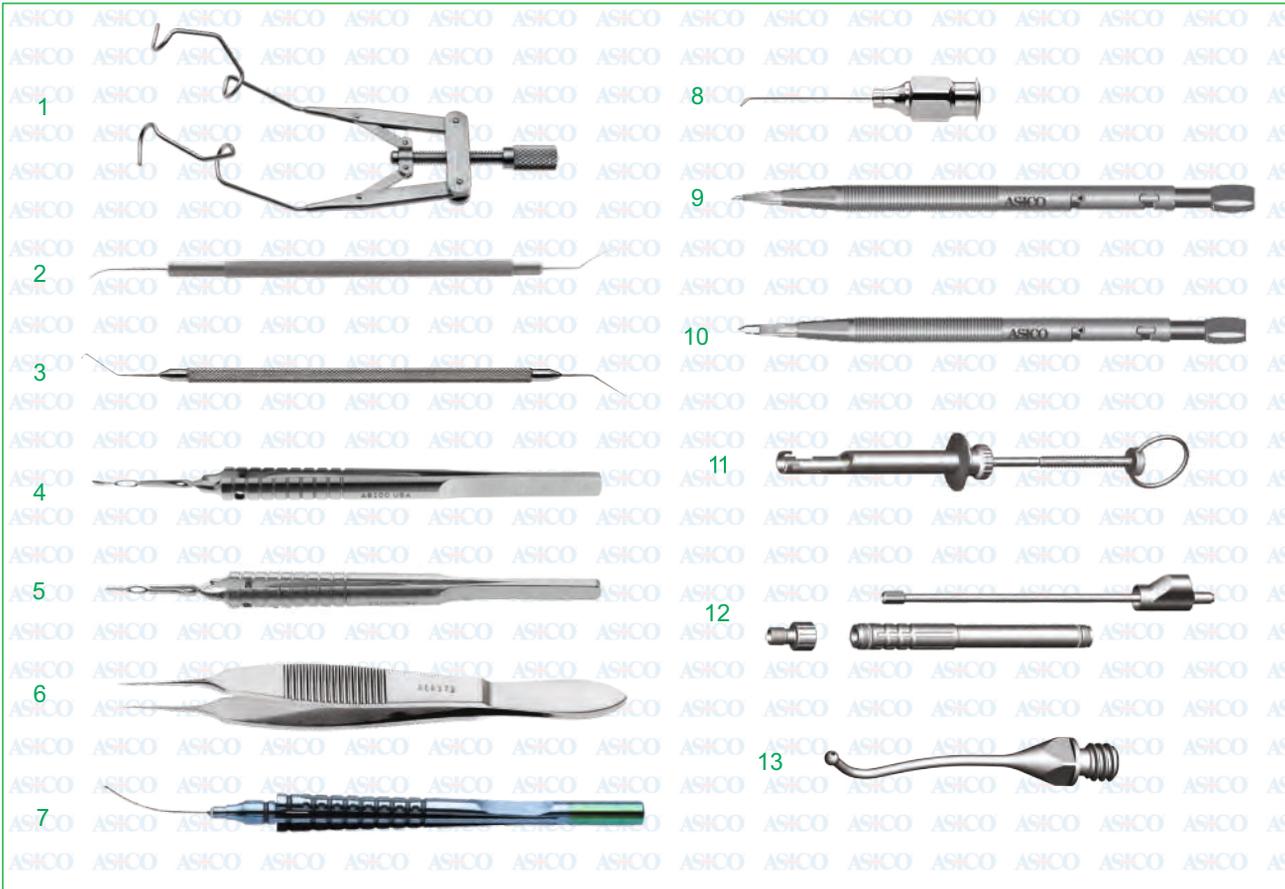


No.	Instrument Type	Suggested	Page
1	Barraquer Wire Speculum, Heavy Wire, Adult Size	AE - 1003	20
2	Pannu-Kratz Barraquer Aspirating Speculum	AE - 1021	23
3	Castroviejo Caliper, Straight	AE - 1500	36
4	Hunkeler Frown Marker	AE - 1522	37
5	Castroviejo Cyclodialysis Spatula	AE - 2072	47
6	Bonn Micro Iris Hook	AE - 2150	48
7	Sinsky IOL Manipulating Hook II, Angled	AE - 2208	50
8	Wilder Lens Loop	AE - 2556	68
9	Kansas PhacosectionSM Nucleus Trisector	AE - 2612	71
10	Colibri Forceps	AE - 4030N	100
11	Bishop-Harmon Tissue Forceps	AE - 4101	103
12	Akahoshi Combo II Prechopper	AE - 4190	107
13	Akahoshi Universal II Prechopper	AE - 4192	107
14	Castroviejo Suturing Forceps, 0.12 mm	AE - 4300	117
15	McPherson Tying Forceps	AE - 4374	121
16	Akahoshi-Tjia Forceps with Round Handle, Vaulted Tips	AE - 4344VR	119
17	Kansas PhacosectionSM Fragment Forceps	AE - 4399	125

No.	Instrument Type	Suggested	Page
18	Baby Jones Towel Clamp	AE - 4800	130
19	Hartmann Mosquito Forceps	AE - 4815	130
20	Serrefine	AE - 4820	130
21	Castroviejo Corneal Section (Corneoscleral) Scissors	AE - 5012	140
22	Barraquer Iris Scissors	AE - 5220	142
23	Stern-Gills Capsulotomy Scissors	AE - 5490	143
24	Westcott Tenotomy Scissors, Right	AE - 5500	144
25	Westcott-Type Stitch Scissors	AE - 5510	145
26	Barraquer Needle Holder, without Lock	AE - 6161	155
27	Air Injection (Rycroft) Cannula	AE - 7000	160
28	Bishop-Harmon Silicone Bulb & Adaptor Set	AE - 7195	162
29	Bishop-Harmon Irrigating Cannula	AE - 7200	162
30	Viscoelastic Aspirating Cannula	AE - 7271	163
31	Simcoe Irrigating-Aspirating Cannula	AE - 7330	165
32	Kratz Capsule Polisher	AE - 7530S	168
33	Knolle-Pearce Irrigating Vectis	AE - 7620	169
34	Nucleus Hydrodissection Cannula	AE - 7629	169



MICRO COAXIAL SET (MCO) AE10-1014



No.	Instrument Type	Suggested	Page
1	Lieberman Adjustable Eye Speculum	AE-1040N	26
2	Koch-Nagahara Spatula & Chopper	AE-2520	62
3	Chang DUO Quick Chopper	AE - 2573	70
4	Akahoshi Combo II Prechopper	AE - 4190	107
5	Akahoshi Universal II Prechopper	AE - 4192	107
6	McPherson Tying Forceps, Straight with Long Handle	AE - 4373	121
7	Ikeda Nozomi Capsulorhexis Forceps	AE - 4402	125
8	Miyoshi Ultimate Hydrodissection Cannula	AE - 7643	170
9	Akahoshi Sub Sideport Diamond Knife II, 0.6 mm	AE - 8131	185
10	Akahoshi Ultra Diamond Knife, 2/2.3 mm, Trapezoidal, Straight	AE - 8190	187
11	ASICO Royale III Injector	AE-9036SP	194
12	ASICO Cleaning I/A Handle	AE7 - 0029	174
13	Akahoshi Curved Ball I/A Tip	AE7 - 3062	179



ESSENTIAL MICRO COAXIAL SET (MCO) AE10-1015

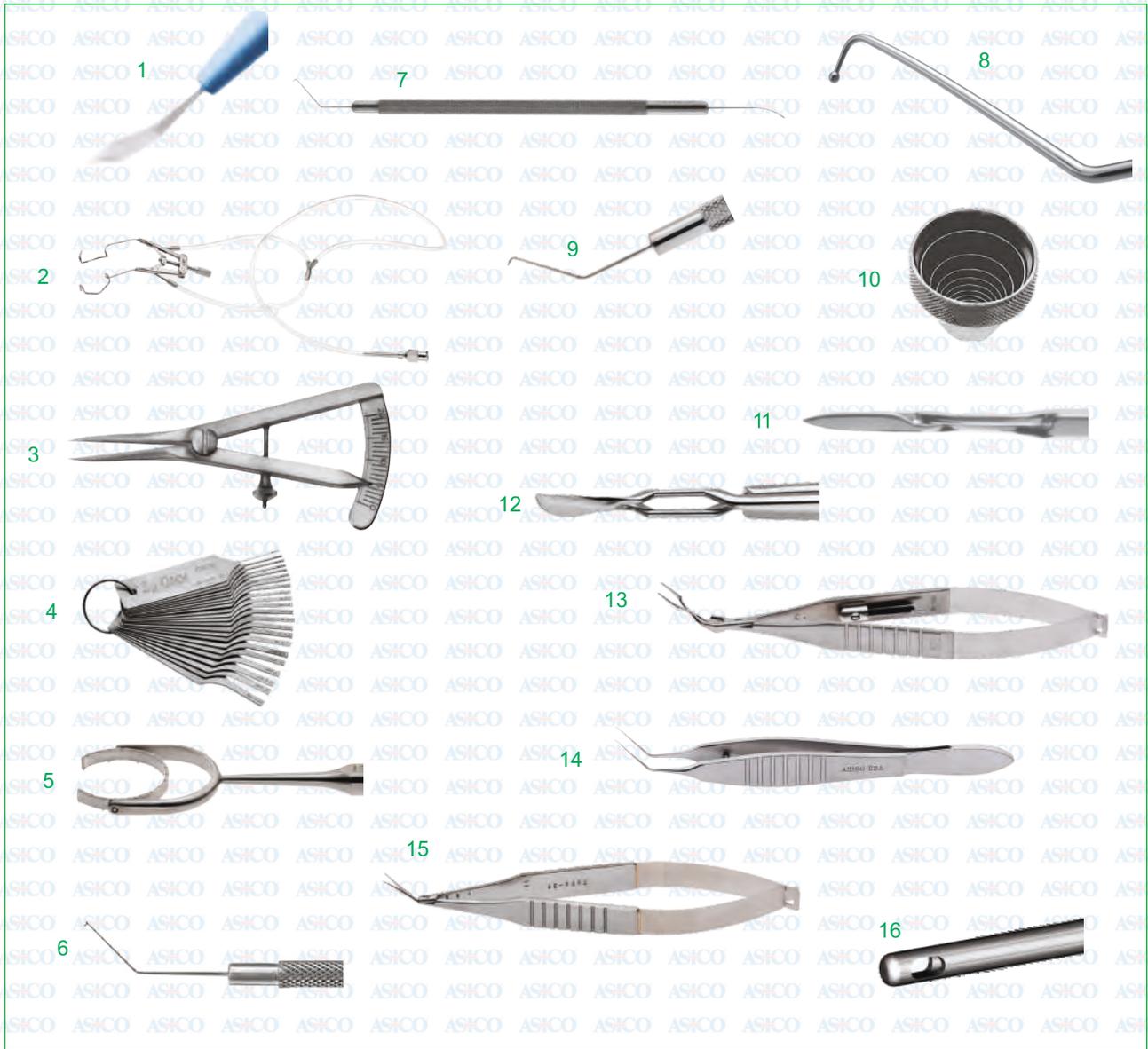


No.	Instrument Type	Suggested	Page
1	Single-Use Clear Corneal Knife	Advacut™	204
2	Pannu-Kratz-Barraquer Aspirating Speculum	AE - 1021	23
3	Castroviejo Caliper, Straight	AE - 1500	36
4	MaxIRIS® Retractor	AS - 9255	205
5	Fine-Thornton Fixation Ring	AE - 2198	50
6	Lester IOL Pusher, Angled	AE - 2411	56
7	Espaillet-DeBlasio Nucleus Rotator	AE - 2499	59
8	Nagahara Phaco Chop IV	AE - 2517	61

No.	Instrument Type	Suggested	Page
9	Friedman-Koch Universal Chopper & Spatula	AE - 2524	62
10	Maloney Astigmatism Keratometer	AE - 2743	73
11	Gill Curved Iris Forceps	AE - 4011	100
12	Bishop-Harmon Tissue Forceps	AE - 4101	103
13	Bishop-Harmon Dressing Forceps	AE - 4102	104
14	ASICO Direct Action Folding Forceps	AE - 4262AN	113
15	ASICO Direct Action Implantation Forceps, with Lock	AE - 4267	113



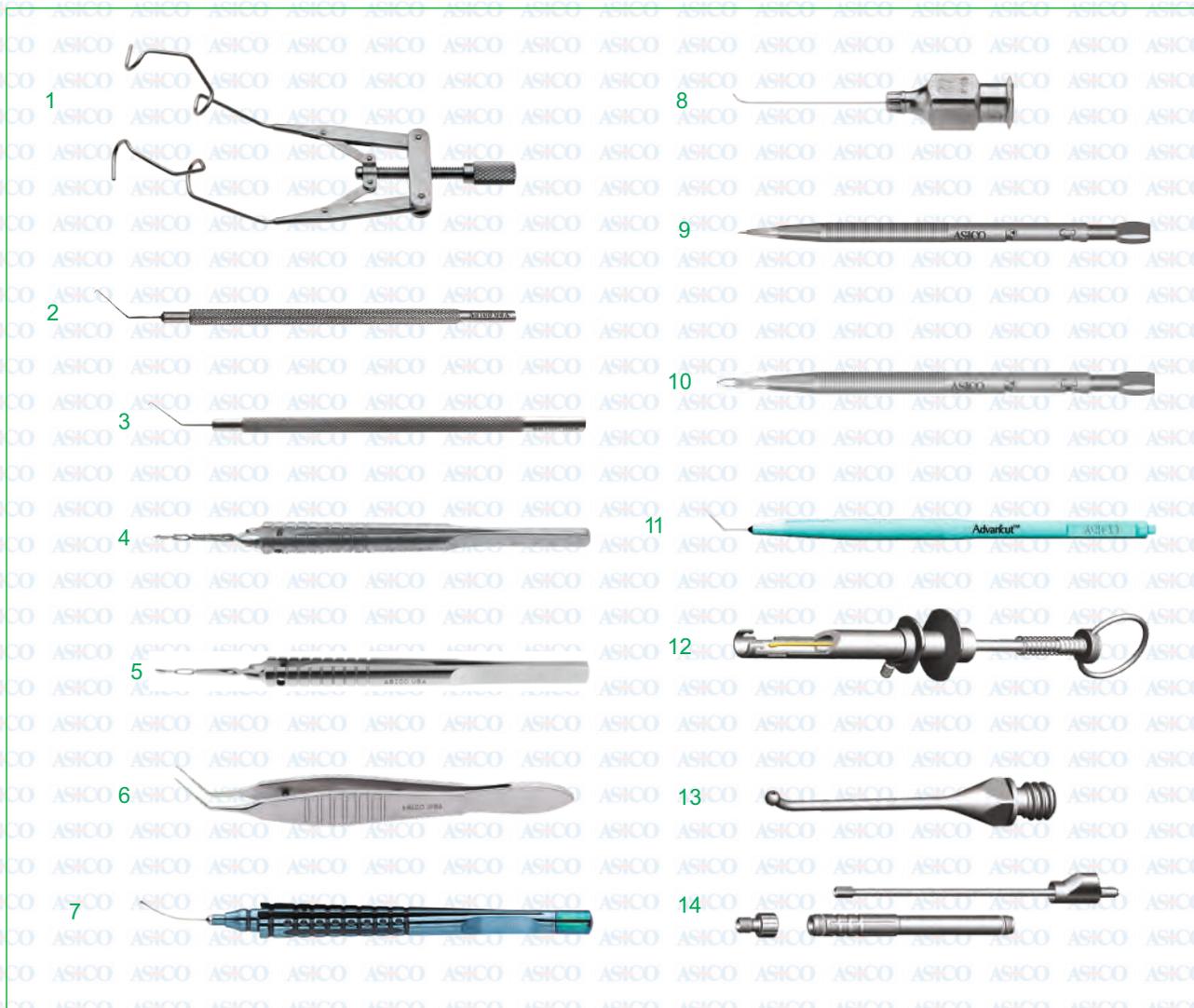
ADVANCED MICRO COAXIAL SET (MCO) AE10-1016



No.	Instrument Type	Suggested	Page	No.	Instrument Type	Suggested	Page
1	Single-Use Clear Corneal Knife	Advancut™	204	9	Nagahara Phaco Chop IV	AE - 2517	61
2	Lieberman Adjustable Aspirating Speculum	AE - 1040AN	26	10	Maloney Astigmatism Keratometer	AE - 2743	73
3	Castroviejo Caliper, Straight	AE - 1500	36	11	Akahoshi Universal II Prechopper	AE - 4192	107
4	Crandall Capsulorhexis Incision Gauges	AE - 1582T	40	12	Akahoshi Combo II Prechopper	AE - 4190	107
5	Fine-Thornton Fixation Ring	AE - 2199	50	13	ASICO Direct Action Implantation Forceps, with Lock	AE - 4267	113
6	Lester IOL Pusher, Angled	AE - 2411	56	14	Akahoshi Micro-Incision Capsulorhexis Forceps	AE - 4347	119
7	Friedman-Koch Universal Chopper & Spatula	AE - 2524	62	15	Stern-Gills Capsulotomy Scissors	AE - 5490	143
8	Akahoshi Nucleus Manipulator	AE - 2530	63	16	Bimanual Micro Irrigating Handpiece, 23G, Curved	AE7 - 0208	176



PREMIUM MICRO COAXIAL SET (MCO) AE10-1017



No.	Instrument Type	Suggested	Page
1	Lieberman Adjustable Eye Speculum	AE - 1040N	26
2	Nagahara Phaco Chopper	AE - 2517	61
3	Nagahara Karate Chopper	AE - 2529	63
4	Akahoshi Universal II Prechopper	AE - 4192	107
5	Akahoshi Combo II Prechopper	AE - 4190	107
6	Akahoshi Micro-Incision Capsulorhexis Forceps	AE - 4347	119
7	Ikeda Micro Capsulorhexis Forceps	AE - 4385	123
8	Akahoshi Hydrodissection Cannula II	AE - 7636	170
9	Akahoshi Sub Sideport Diamond Knife II, 0.6 mm	AE - 8131	185
10	Akahoshi Ultra Diamond Knife, 2/2.3 mm, Trapezoidal, Straight	AE - 8190	187
11	Single-Use Clear Corneal Knife	Advancut™	204
12	ASICO Royale III Injector	AE - 9036SP	194
13	Akahoshi Bent Ball I/A Tip	AE7 - 3061	178
14	ASICO Cleaning I/A Handle	AE7 - 0029	174



FEMTOSECOND CATARACT SET AE10-1018



I. No.	Instrument Type	Suggested	Page
1	Murdoch-Slade LASIK Speculum	AE - 1033	25
2	Slade Femtosecond Spatula	AE - 2326	54
3	Akahoshi Universal Nucleus Splitter	AE - 4289	115
4	ASICO Cleaning I/A Handle	AE7 - 0029	174
5	Akahoshi Curved Ball I/A Tip	AE7 - 3062	179
6	Slade Femtosecond Cannula	AE - 7654	171
7	Yeoh Femto Prechopper	AE - 4294	116

TORIC SET AE10-1019



No.	Instrument Type	Suggested	Page
1	ASICO Beveled Degree Gauge without Teeth	AE-1589	40
2	Ron Yeoh Gauge	AE-1595	41
3	Nuijts-Solomon Toric Axis Marker with Peg	AE-2740H	73
4	Nuijts-Lane Pre-op Toric Reference Marker with Bubble	AE-2791TBL	78
5	Intra-op Toric Axis Marker II With 5-Degree Markings	AE-2794N	79
6	Modi Low Profile Intra-op Toric Axis Marker	AE-2848N	84
7	Neuhann-Nuijts One-Step Toric Marker	AE-2799T	79
8	Regular Marking Pens	AS-1583N	198



LRI SET AE10-1020



No.	Instrument Type	Suggested	Page
1	Nuijts-Lane Pre-op Toric Reference Marker With Bubble	AE - 2791TBL	78
2	Bahr-Maltzman Hook	AE - 2219	51
3	Maloney Astigmatism Keratometer	AE - 2743	73
4	Zaldivar Degree Gauge Superior	AE - 2764N	75
5	Koch LRI Axis Marker	AE - 2863	86
6	Nordan Corneal Fixation Forceps	AE - 4155	105
7	Faulkner Lens Holding Forceps	AE - 4245N	110
8	UNICAT 10-facet (Multi-Incision) Diamond Knife	AE - 8133	190
9	Regular Marking Pens	AS - 1583N	198



CHEE GLUED IOL SET AE10-1021

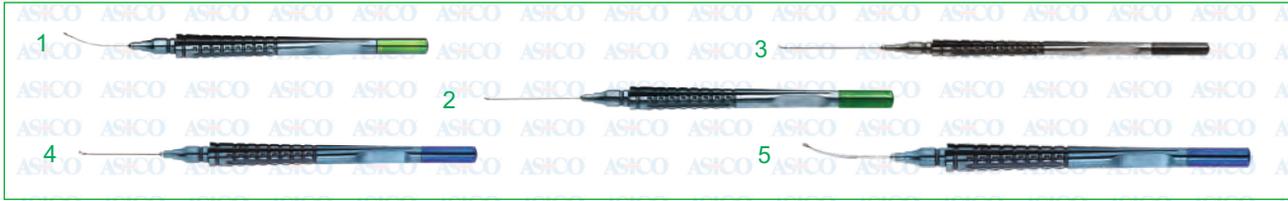


No.	Instrument Type	Suggested	Page
1	Chee Suture Retrieving Hook	AE - 2210	51
2	Chee Haptic Micrograsper Horizontal	AE - 4901	131
3	Chee Haptic Micrograsper Vertical	AE - 4902	131

No.	Instrument Type	Suggested	Page
4	Chee Angulated Subluxated IOL Grasping Forceps 23G	AE - 4903	131
5	Chee Subluxated IOL Grasping Forceps 21G	AE - 4907	132
6	Chee Subluxated IOL Grasping Forceps 23G	AE - 4939	135



ICMS® SET AE10-1022



No.	Instrument Type	Suggested	Page
1	ICMS® Tying Forceps, Curved Shaft	AE - 4906	132
2	ICMS® Tying Forceps 23G, Straight Shaft	AE - 4908	132
3	ICMS® Curved Scissors	AE - 5613	146
4	ICMS® Needle Holder 21G, Straight	AE - 6902	157
5	ICMS® Needle Holder 21G, Curved	AE - 6903	157

TAN DALK SET AE10-1023



No.	Instrument Type	Suggested	Page
1	Tan Micro Lamellar Dissector	AE - 2541	65
2	Tan Large Lamellar Dissector	AE - 2547	66
3	Tan Marginal Dissector	AE - 2549	67
4	Tan DALK Scissors, Left	AE - 5666	148
5	Tan DALK Scissors, Right	AE - 5667	148
6	Tan DALK Cannula*	AE - 7803	172
*	Also available as Tan DALK Cannula, Single-Use	AS - 7803	201

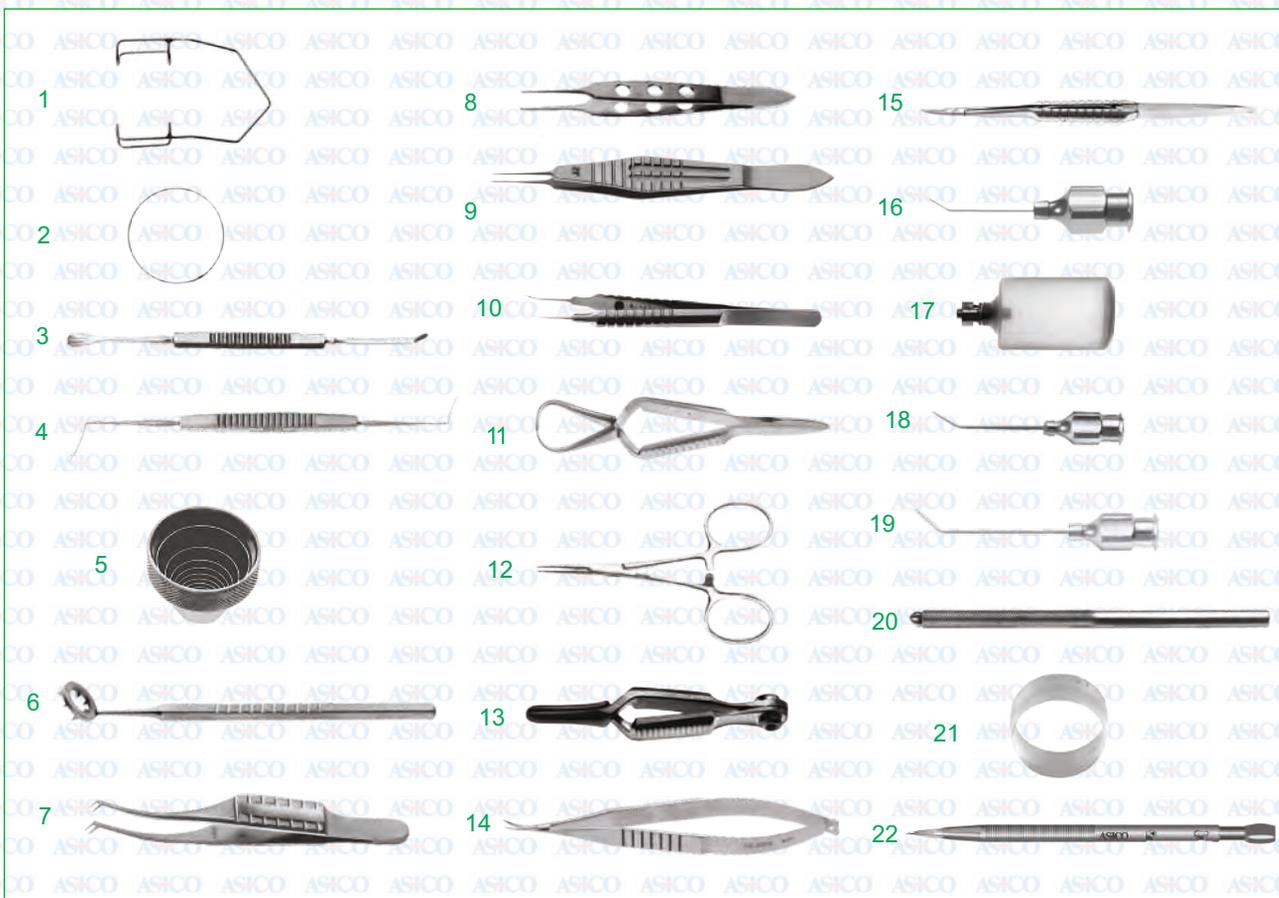


SARNICOLA DALK AE10-1024



No.	Instrument Type	Suggested	Page
1	Sarnicola Big Bubble Spatula	AE-2900	87
2	Sarnicola Big Bubble Cannula	AE-7821	173

CORNEAL TRANSPLANT SET AE10-1025



No.	Instrument Type	Suggested	Page
1	Barraquer Wire Speculum, Large	AE - 1002	20
2	Flieringa Scleral Fixation Ring	AE - 1318	36
3	Paton Spatula & Spoon	AE - 2321	53
4	Castroviejo Cyclodialysis Spatula	AE - 2072	47
5	Maloney Astigmatism Keratometer	AE - 2743	73
6	John ALK Marker	AE - 2849	85
7	Polack Double Corneal Forceps	AE - 4041	101
8	Bishop-Harmon Tissue Forceps	AE - 4101	103
9	Castroviejo Suturing Forceps, 0.12 mm	AE - 4300	117
10	Tennant Tying Forceps	AE - 4381	122
11	Baby Jones Towel Clamp	AE - 4800	130

No.	Instrument Type	Suggested	Page
12	Hartmann Mosquito Forceps	AE - 4815	130
13	Serrefine	AE - 4820	130
14	Tan DALK Scissors, Left	AE - 5666	148
15	Barraquer Needle Holder Curved, with Lock	AE - 6160	155
16	Air Injection (Rycroft) Cannula	AE - 7000	160
17	Bishop-Harmon Silicone Bulb / Adaptor Set	AE - 7195	162
18	Bishop-Harmon Irrigating Cannula	AE - 7200	162
19	Viscoelastic Aspirating Cannula	AE - 7271	163
20	Chuck Handle, Round	AE - 8002	184
21	Corneal Trephine Blades	AE - 8205	182
22	Akahoshi Sub Sideport Diamond Knife II, 0.6 mm	AE - 8131	185

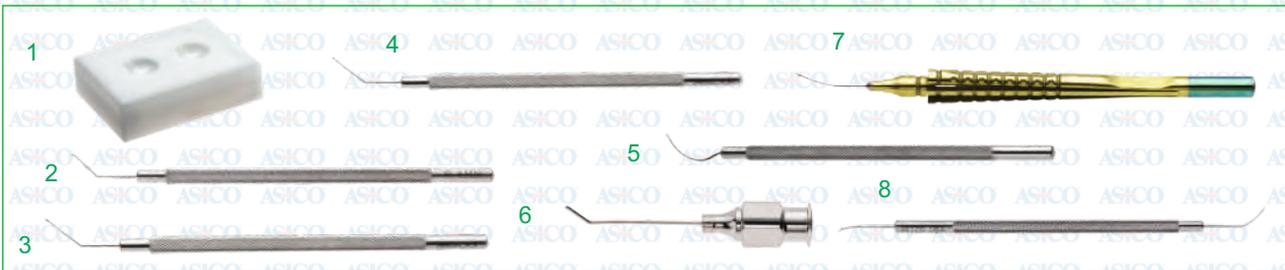


DSAEK SET AE10-1026



No.	Instrument Type	Suggested	Page
1	Sinskey No Hole IOL Manipulating Hook	AE - 2209	51
2	John DXEK/DSAEK Double-Ended Marker 8.00/9.00 mm	AE - 2712	72
3	Tsubota DLK Spatula	AE - 2870	86
4	John Dextatome DMEK/DSAEK Spatula	AE - 2872	87
5	John DXEK/DSAEK Descemet's Stripper	AE - 2874	87
6	John DXEK/DSAEK Stromal Scrubber	AE - 2878	87
7	John DXEK/DSAEK Glider	AE - 2879	87
8	Tan DSAEK/SMILE Forceps	AE - 4226	110
9	Kobayashi Chamber Maintainer	AE - 7802	172
10	Kobayashi DSAEK Donor Adjuster	AE - 7806	172

DMEK SET AE10-1027



No.	Instrument Type	Suggested	Page
1	John DMEK Twin Block	AE-1586	40
2	Ahn DMEK Rake	AE-2327	54
3	John DMEK Large Crystal Spatula	AE-2328	54
4	John DMEK Small Crystal Spatula	AE-2329	54
5	John Dextatome DMEK/DSAEK Spatula	AE-2872	87
6	AHN DMEK Cannula	AE-7002	160
7	McKee-Price DMEK Scissors	AE-5670	149
8	Tan DMEK Stripper	AE-2336	55



PRK SET AE10-1028



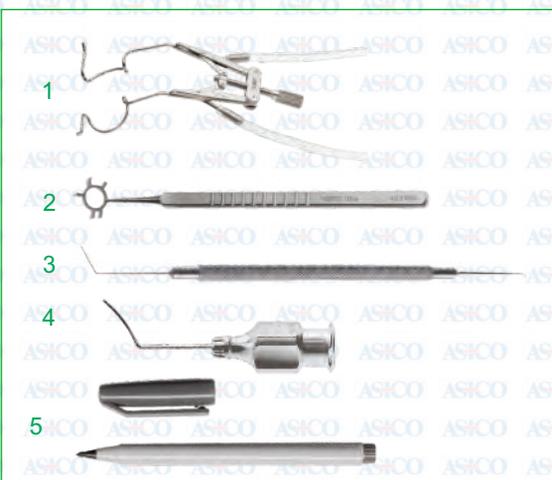
No.	Instrument Type	Suggested	Page
1	Murdoch LASIK Speculum	AE - 1083	32
2	Fine-Thornton Fixation Ring	AE - 2198	50
3	Machat PRK Optical Zone Marker	AE - 2715	72
4	Vinciguerra PRK Spatula	AE - 2766	76

PRIMARY LASIK SET AE10-1029



No.	Instrument Type	Suggested	Page
1	Murdoch-Slade LASIK Speculum	AE - 1033	25
2	Machat-Buratto Adjustable Aspirating LASIK Speculum	AE - 1043AN	28
3	Holladay-Godwin Pupil Gauge	AE - 1573	39
4	Fine-Thornton Fixation Ring	AE - 2198	50
5	Buratto Flap Retractor & Protector	AE - 2821	82
6	Maloney Flap Flipper & Squeegee	AE - 2825	82
7	Perone LASIK Forceps	AE - 4358	120
8	Slade LASIK Irrigation Cannula	AE - 7282	163
9	Regular Marking Pens	AS - 1583N	198

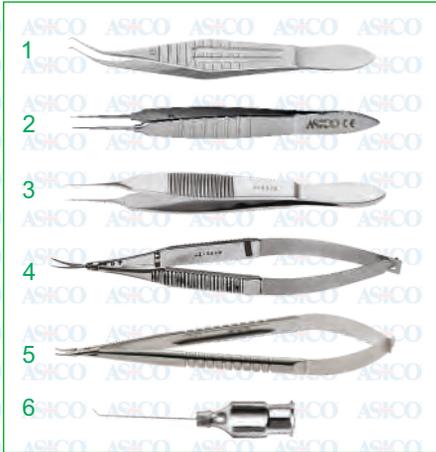
LASIK RETREATMENT SET AE10-1030



I. No.	Instrument Type	Suggested	Page
1	Slade Adjustable Aspirating LASIK Wire Speculum	AE - 1042AN	27
2	Bansal LASIK Marker	AE - 2800	80
3	Machat LASIK Retreatment Spatula	AE - 2830	83
4	Manche LASIK Irrigation Cannula 25G	AE - 7287	163
5	Regular Marking Pens	AS - 1583N	198



LASIK EMERGENCY SET AE10-1031



I. No.	Instrument Type	Suggested	Page
1	Castroviejo-Colibri Forceps	AE - 4050	101
2	Bonn Forceps	AE - 4081	103
3	McPherson Tying Forceps, Straight with Long Handle	AE - 4373	121
4	ASICO Vannas Scissors, Curved	AE - 5496	144
5	ASICO Needle Holder, Curved, without Lock	AE - 6173	155
6	Knolle Anterior Chamber Cannula 30G	AE - 7210	162

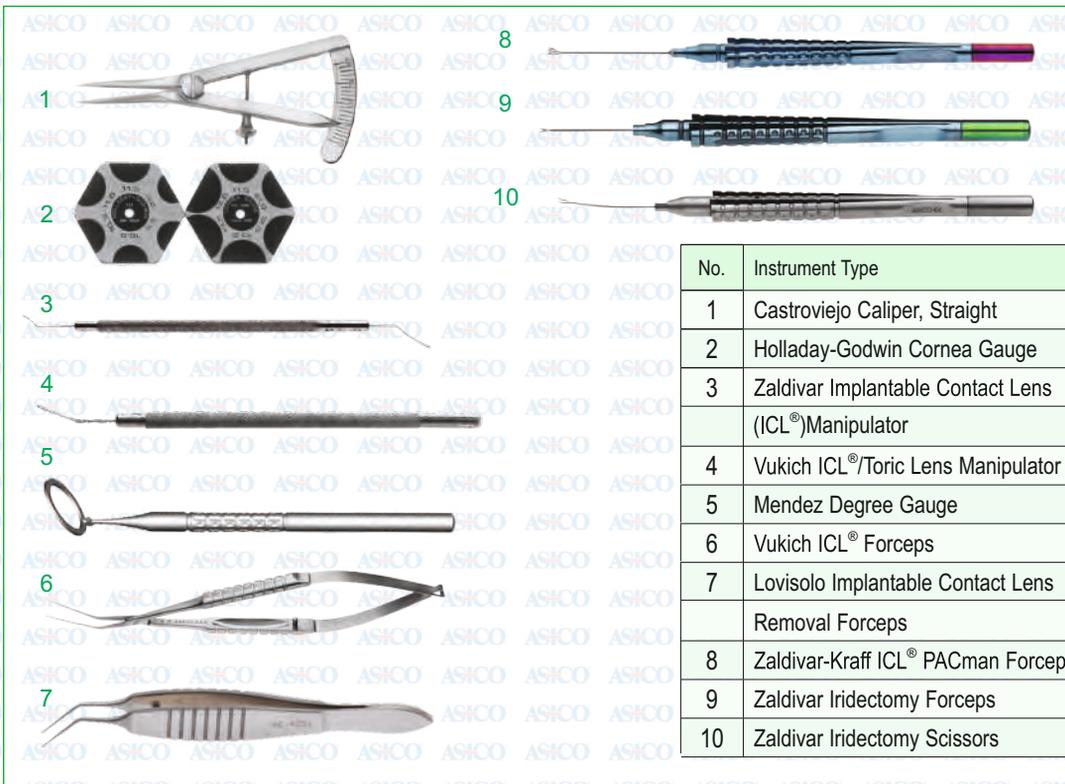
PHAKIC LENS SET AE10-1032



No.	Instrument Type	Suggested	Page
1	Bahr-Maltzman Hook	AE - 2219	51
2	Faulkner Lens Holding Forceps	AE - 4245N	111
3	Zaldivar Iridectomy Scissors	AE - 5665	148
4	UNICAT 10-Facet (Multi-Incision)		
	Diamond Knife	AE - 8133	190

ICL[®] SET AE10-1033

ICL- Implantable contact lens- is a registered trademark by Staar

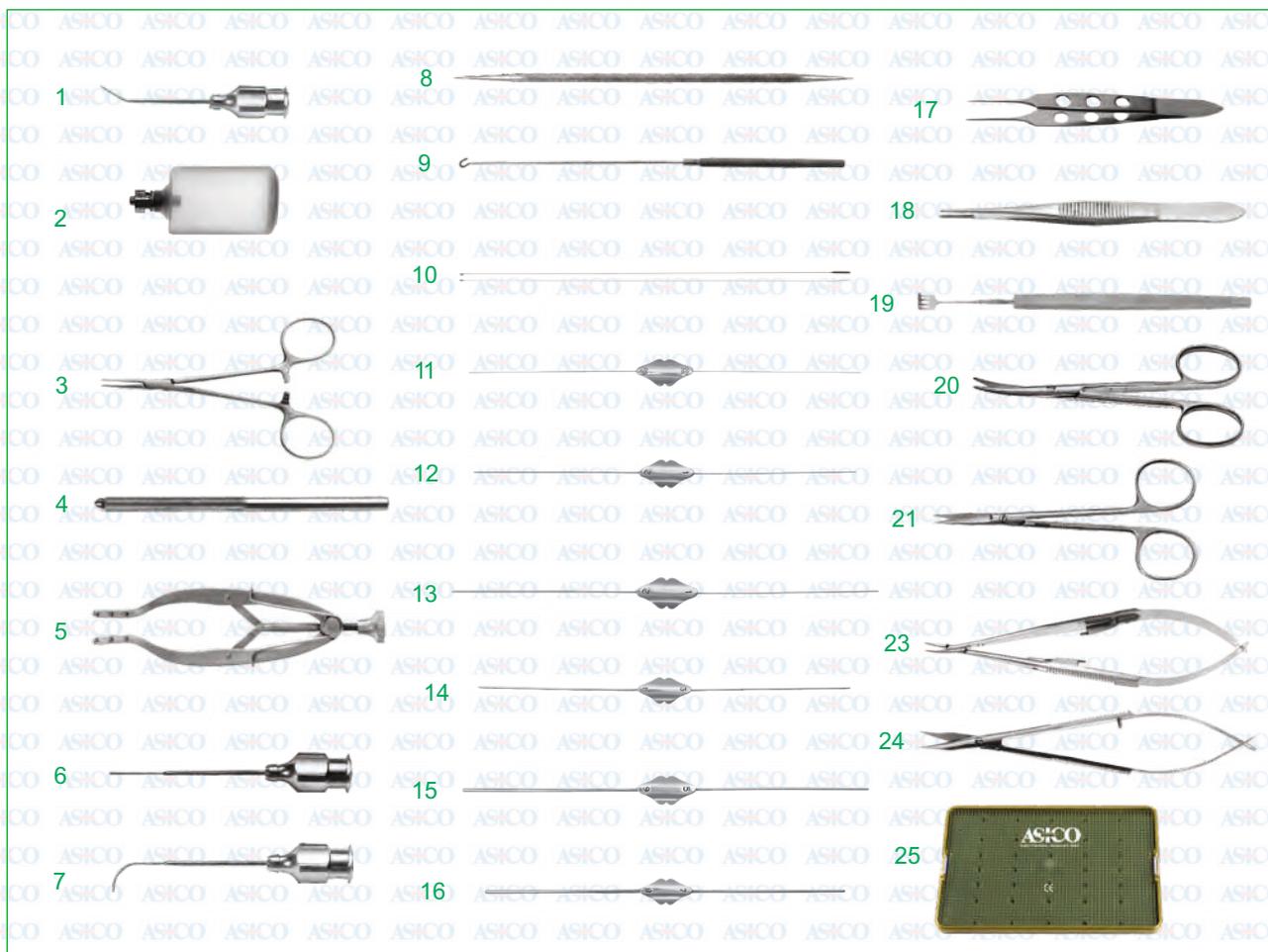


No.	Instrument Type	Suggested	Page
1	Castroviejo Caliper, Straight	AE - 1500	36
2	Holladay-Godwin Cornea Gauge	AE - 1576	39
3	Zaldivar Implantable Contact Lens (ICL [®]) Manipulator	AE - 2420	57
4	Vukich ICL [®] /Toric Lens Manipulator	AE - 2531	64
5	Mendez Degree Gauge	AE - 2765N	76
6	Vukich ICL [®] Forceps	AE - 4224	110
7	Lovisollo Implantable Contact Lens Removal Forceps	AE - 4256	113
8	Zaldivar-Kraff ICL [®] PACman Forceps	AE - 4446	126
9	Zaldivar Iridectomy Forceps	AE - 4965	136
10	Zaldivar Iridectomy Scissors	AE - 5665	148

ICL is a registered trademark of Staar Surgical



LACRIMAL SET AE10-1034



No.	Instrument Type	Suggested	Page
1	Bishop-Harmon Irrigating Cannula	AE-7200	162
2	Bishop-Harmon Silicone Bulb / Adaptor Set	AE-7195	162
3	Halsted Mosquito Forceps, Straight	AE-4810	130
4	Chuck Handle, Round	AE-8001	184
5	Stevenson Lacrimal Retractor	AE-1210	34
6	Lacrimal Cannula, Straight	AE-7010	160
7	Lacrimal Cannula, Curved	AE-7011	160
8	Castroviejo Lacrimal Dilator	AE-1640	42
9	Crawford Lacrimal Intubation Set Retrieving Hook	AE-1676	43
10	Crawford Lacrimal Intubation Probe with Tubing Only	AE-1675	43
11	Bowman Lacrimal Probe, Size 0000 and 000	AE-1600	42
12	Bowman Lacrimal Probe, Size 00 and 0	AE-1610	42

No.	Instrument Type	Suggested	Page
13	Bowman Lacrimal Probe, Size 1-2	AE-1612	42
14	Bowman Lacrimal Probe, Size 3-4	AE-1614	42
15	Bowman Lacrimal Probe, Size 5-6	AE-1616	42
16	Bowman Lacrimal Probe, Size 7-8	AE-1618	42
17	Bishop-Harmon Tissue Forceps	AE-4100	103
18	Bonaccolto Utility Forceps	AE-4441	126
19	Knapp Lacrimal Sac Retractor	AE-1220	34
20	Strabismus Scissors, Straight	AE-5730	150
21	Eye Scissors, Straight	AE-5702	149
22	Castroviejo Needle Holder, Curved, with Lock	AE-6210	156
23	Westcott-Type Stitch Scissors	AE-5510	145
24	Large Sterilization Tray	AST54	210



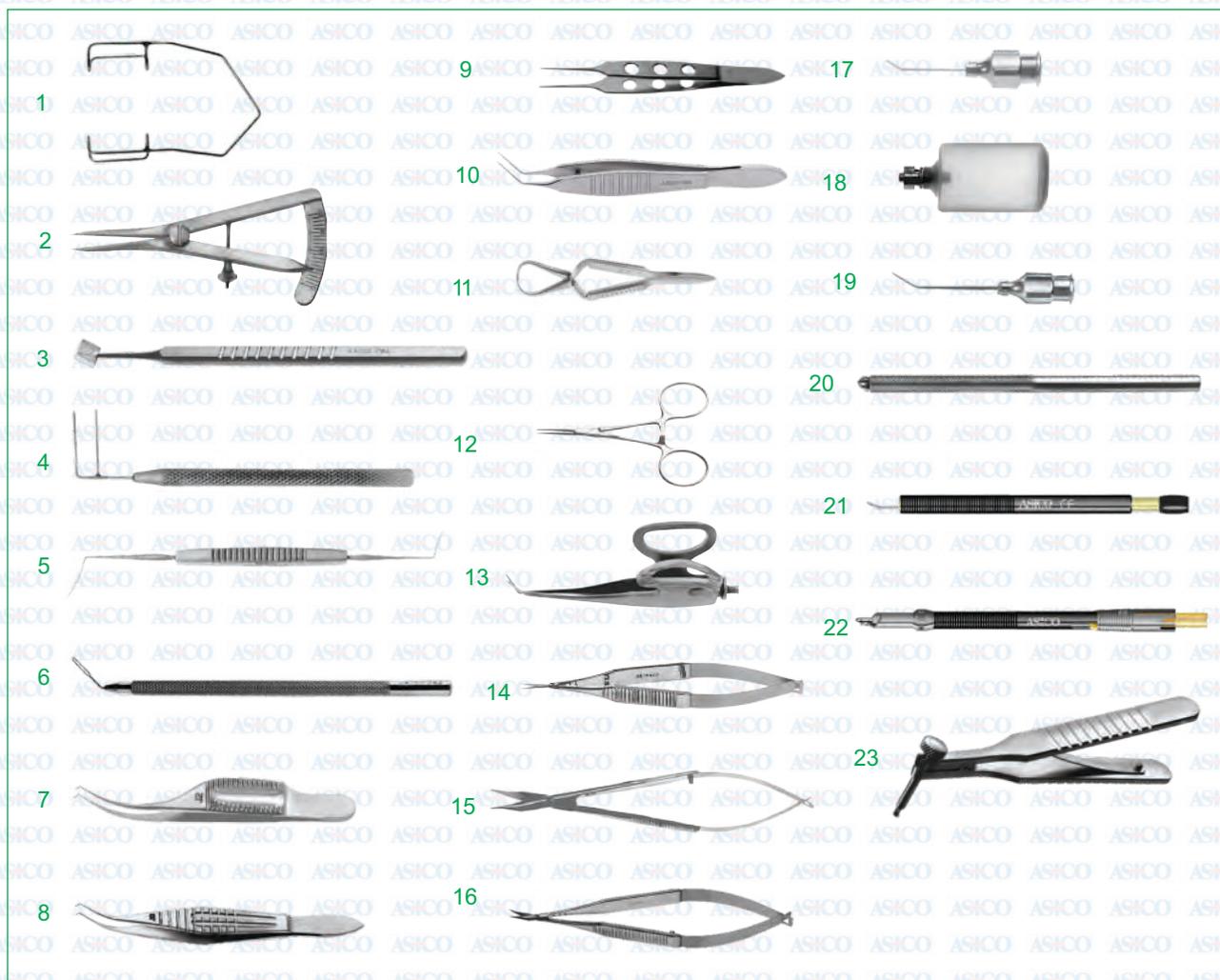
PTERYGIUM SET AE10-1035



No.	Instrument Type	Suggested	Page
1	Chuck Handle, Round	AE - 8001	184
2	Lancaster Temporal Solid Blade Speculum	AE - 1089	33
3	McPherson Tying Forceps, Straight with Long Handle	AE - 4373	121
4	Castroviejo Suturing Forceps, 0.12 mm	AE - 4300	117
5	Gill Corneal Knife	AE - 3020	96
6	Castroviejo Needle Holder, Curved, without Lock	AE - 6211	156
7	Algerbrush II Pterygium	AE - 3260	97
8	Eye Scissors, Straight	AE - 5702	149
9	Bonaccolto Utility Forceps	AE - 4440	126
10	Lester Fixation Forceps	AE - 4173	106



GLAUCOMA SET AE10-1036

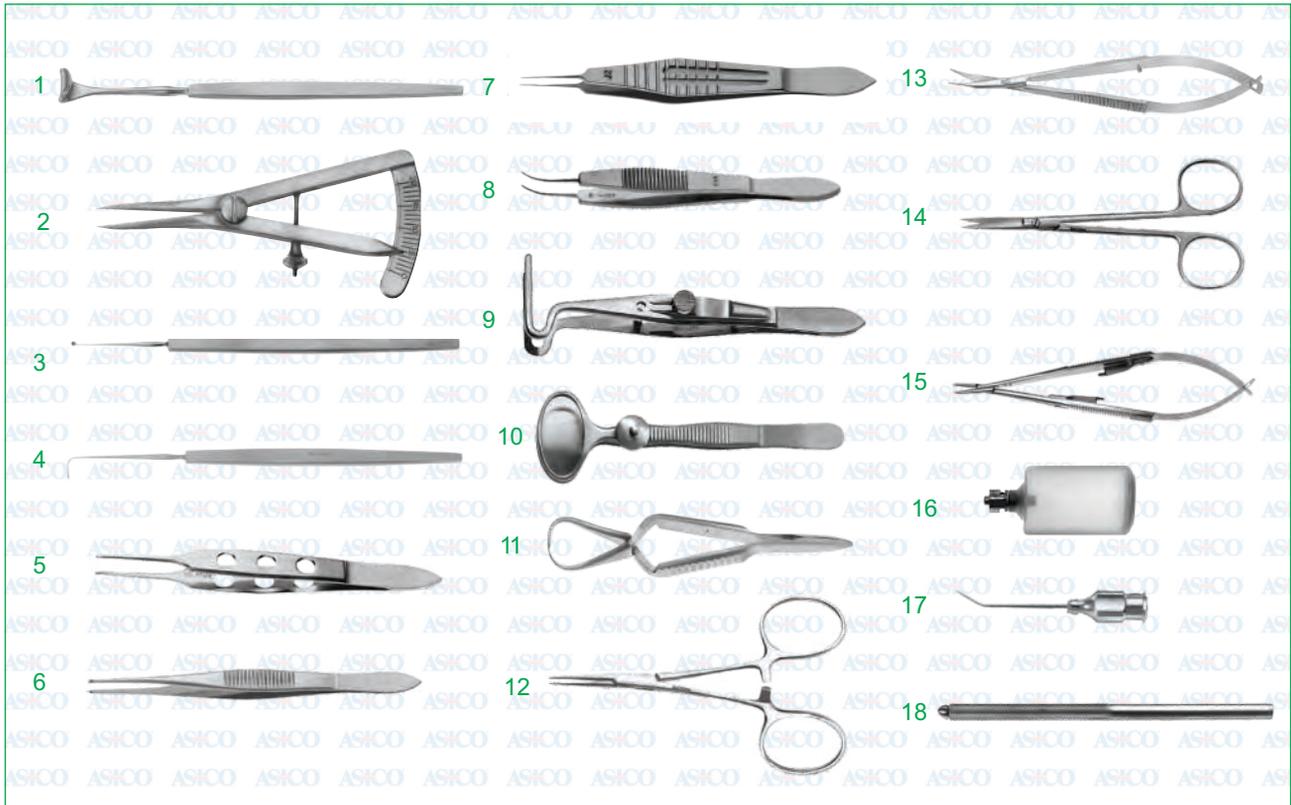


No.	Instrument Type	Suggested	Page
1	Barraquer Wire Speculum, Large	AE-1002	20
2	Castroviejo Caliper, Straight	AE-1500	36
3	Crandall USC Glaucoma Marker	AE-1526	37
4	Harms Trabeculotomy Probe with Guide	AE-1630	42
5	Castroviejo Cyclodialysis Spatula	AE-2072	47
6	Crandall USC Glaucoma Scleral Planer	AE-2430	58
7	Colibri Forceps	AE-4030N	100
8	Castroviejo-Colibri Forceps	AE-4053	102
9	Bishop-Harmon Tissue Forceps	AE-4100	103
10	McPherson Tying Forceps, Straight, Long Handle	AE-4373	121
11	Baby Jones Towel Clamp	AE-4800	130
12	Hartmann Mosquito Forceps	AE-4815	130

No.	Instrument Type	Suggested	Page
13	Barraquer Iris Scissors	AE-5220	142
14	ASICO Vannas Scissors, 10 mm, Straight	AE-5495N	143
15	Westcott Tenotomy Scissors, Left	AE-5501	144
16	McPherson-Westcott Stitch Scissors	AE-5509	145
17	Air Injection (Rycroft) Cannula	AE-7000	160
18	Bishop-Harmon Silicone Bulb / Adaptor Set	AE-7195	162
19	Bishop-Harmon Irrigating Cannula	AE-7200	162
20	Chuck Handle, Round	AE-8002	184
21	Micro Crescent Diamond Knife, 1.2 mm	AE-8114	184
22	UNICAT 10-Facet (Multi-Incision) Diamond Knife	AE-8133	190
23	Memmen Punch	AE-8305	182



LID SET AE10-1037

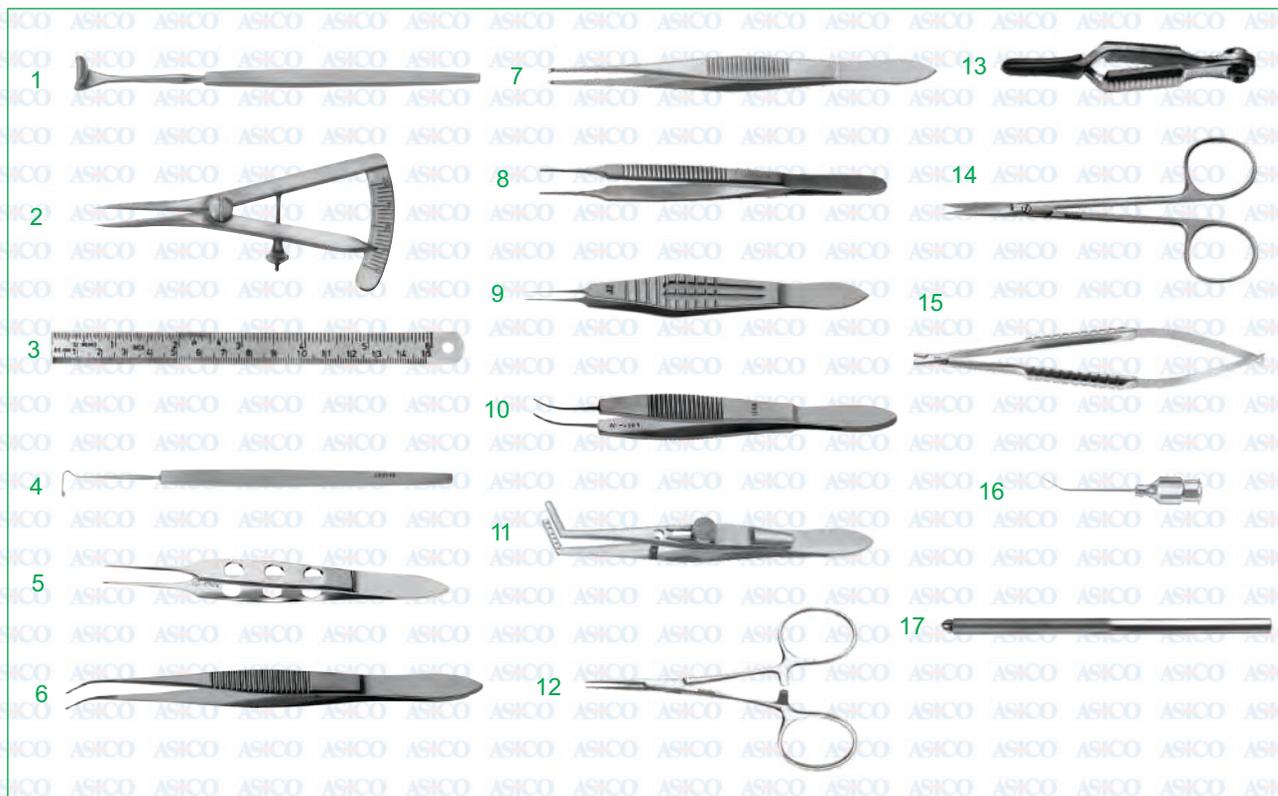


No.	Instrument Type	Suggested	Page
1	Desmarres Lid Retractor	AE - 1231	35
2	Castroviejo Caliper, Straight	AE - 1500	36
3	Meyerhoefer Chalazion Curette	AE - 2000	46
4	Graefe Muscle Hook	AE - 2101	47
5	Bishop-Harmon Dressing Forceps	AE - 4102	104
6	Elschnig Fixation Forceps	AE - 4160	105
7	Castroviejo Suturing Forceps, 0.5 mm	AE - 4304	117
8	Harms Tying Forceps, Curved	AE - 4351	120
9	Berke Ptosis Forceps	AE - 4400	125

No.	Instrument Type	Suggested	Page
10	Francis Chalazion Forceps	AE - 4620	128
11	Baby Jones Towel Clamp	AE - 4800	130
12	Hartmann Mosquito Forceps	AE - 4815	130
13	Westcott Tenotomy Scissors, Right	AE - 5500	144
14	Eye Scissors, Straight	AE - 5702	149
15	Castroviejo Needle Holder, Straight, with Lock	AE - 6220	156
16	Bishop-Harmon Silicone Bulb & Adapter Set	AE - 7195	162
17	Bishop-Harmon Irrigating Cannula	AE - 7200	162
18	Chuck Handle, Round	AE - 8002	184



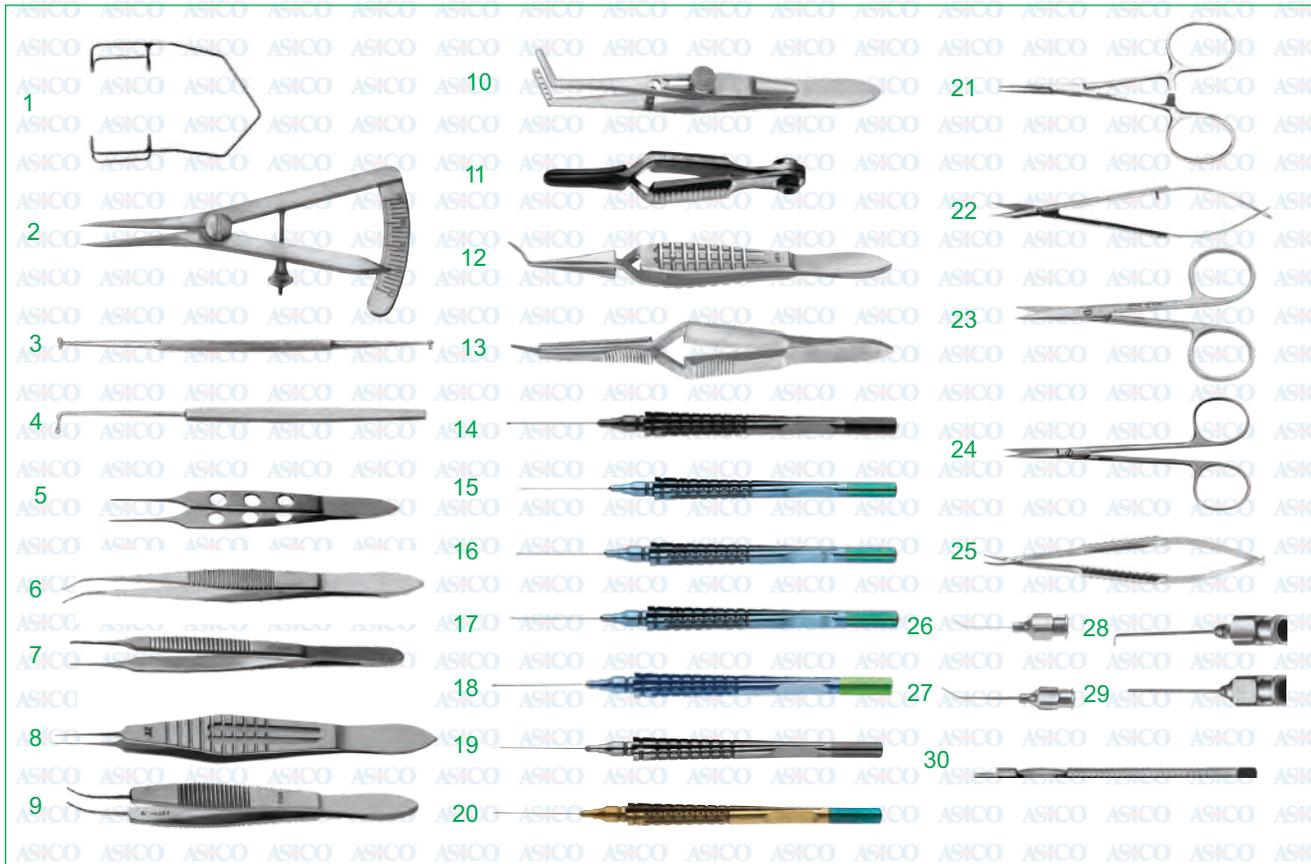
MUSCLE SETAE10-1038



No.	Instrument Type	Suggested	Page
1	Desmarres Lid Retractor	AE - 1231	35
2	Castroviejo Caliper, Straight	AE-1500	36
3	Ruler	AE -1510	37
4	Jameson Muscle Hook	AE - 2110	47
5	Bishop-Harmon Dressing Forceps	AE - 4102	104
6	Dressing Forceps, Curved	AE - 4111	104
7	Elschnig Fixation Forceps	AE - 4160	105
8	Lester Fixation Forceps	AE - 4172	106
9	Castroviejo Suturing Forceps, 0.5 mm	AE - 4304	117
10	Harms Tying Forceps, Curved	AE - 4351	120
11	Jameson Muscle Forceps	AE - 4410	126
12	Hartmann Mosquito Forceps	AE - 4815	130
13	Serrefine	AE - 4820	130
14	Stevens Tenotomy Scissors, Straight	AE-5720	150
15	Barraquer Needle Holder, without Lock	AE - 6161	155
16	Bishop-Harmon Irrigating Cannula	AE - 7200	162
17	Chuck Handle, Round	AE - 8002	184



RETINAL SET AE10-1039



No.	Instrument Type	Suggested	Page	No.	Instrument Type	Suggested	Page
1	Barraquer Wire Speculum, Large	AE - 1002	20	17	VRTIS™ Corcostegui Pick Forceps 23G, Thin	AE - 4913T	133
2	Castroviejo Caliper, Straight	AE - 1500	36	18	VRTIS™ Serrated Forceps 23G	AE - 4914	133
3	Packo Scleral Depressor with Marker	AE - 1701	43	19	VRTIS™ Ohji Angled Horizontal Scissors	AE - 5607	146
4	May Muscle Hook	AE - 2126	48	20	VRTIS™ Sharp Tip Vertical Style Scissors 23G	AE - 5609	146
5	Bishop-Harmon Tissue Forceps	AE - 4100	103	21	Westcott-Type Stitch Scissors	AE - 5510	145
6	Dressing Forceps, Curved	AE - 4111	104	22	Hartmann Mosquito Forceps	AE - 4815	130
7	Lester Fixation Forceps	AE - 4172	106	23	Iris Scissors, Straight	AE - 5700	149
8	Castroviejo Suturing Forceps, 0.12 mm	AE - 4300	117	24	Stevens Tenotomy Scissors, Straight	AE - 5720	150
9	Harms Tying Forceps, Curved	AE - 4351	120	25	Barraquer Needle Holder, without Lock	AE - 6161	155
10	Jameson Muscle Forceps	AE - 4410	126	26	Air Injection (Rycroft) Cannula	AE - 7000	160
11	Serrefine	AE - 4820	130	27	Bishop-Harmon Irrigating Cannula	AE - 7200	162
12	Scleral Plug Forceps	AE - 4900N	131	28	Packo Back Flush Needle 20G	AE - 7901	173
13	Watzke Sleeve Spreader	AE - 4910	132	29	Packo Back Flush Needle, Tapered	AE - 7903	173
14	VRTIS™ Fine End-Gripping Forceps 23G	AE - 4912	133	30	Packo Back Flush Needle, for use with Vitrectomy Console	AE - 7931	173
15	VRTIS™ Fine End-Gripping Forceps 23G, Thin	AE - 4912T	133	31	Chuck Handle, Round	AE7 - 8002	184
16	VRTIS™ Corcostegui Pick Forceps 23G	AE - 4913	133				



KERATOCONUS SET AE10-1040



I. No.	Instrument Type	Suggested	Page
1	Machat PRK Optical Zone Marker	AE - 2715	72
2	Sinskey IOL Manipulating Hook II, Angled	AE - 2208	50
3	Packo Conjunctiva Forceps	AE - 4244	111
4	Castroviejo Suturing Forceps, 0.12 mm	AE - 4300	117
5	McPherson Needle Holder, Straight, with Lock	AE - 6000	154
6	McPherson-Westcott Scissors	AE - 5505	144
7	Cook Speculum	AE - 1082	32
8	Diamond Knife Sterilization Tray	AST 21	208

CHALAZION SET AE10-1041

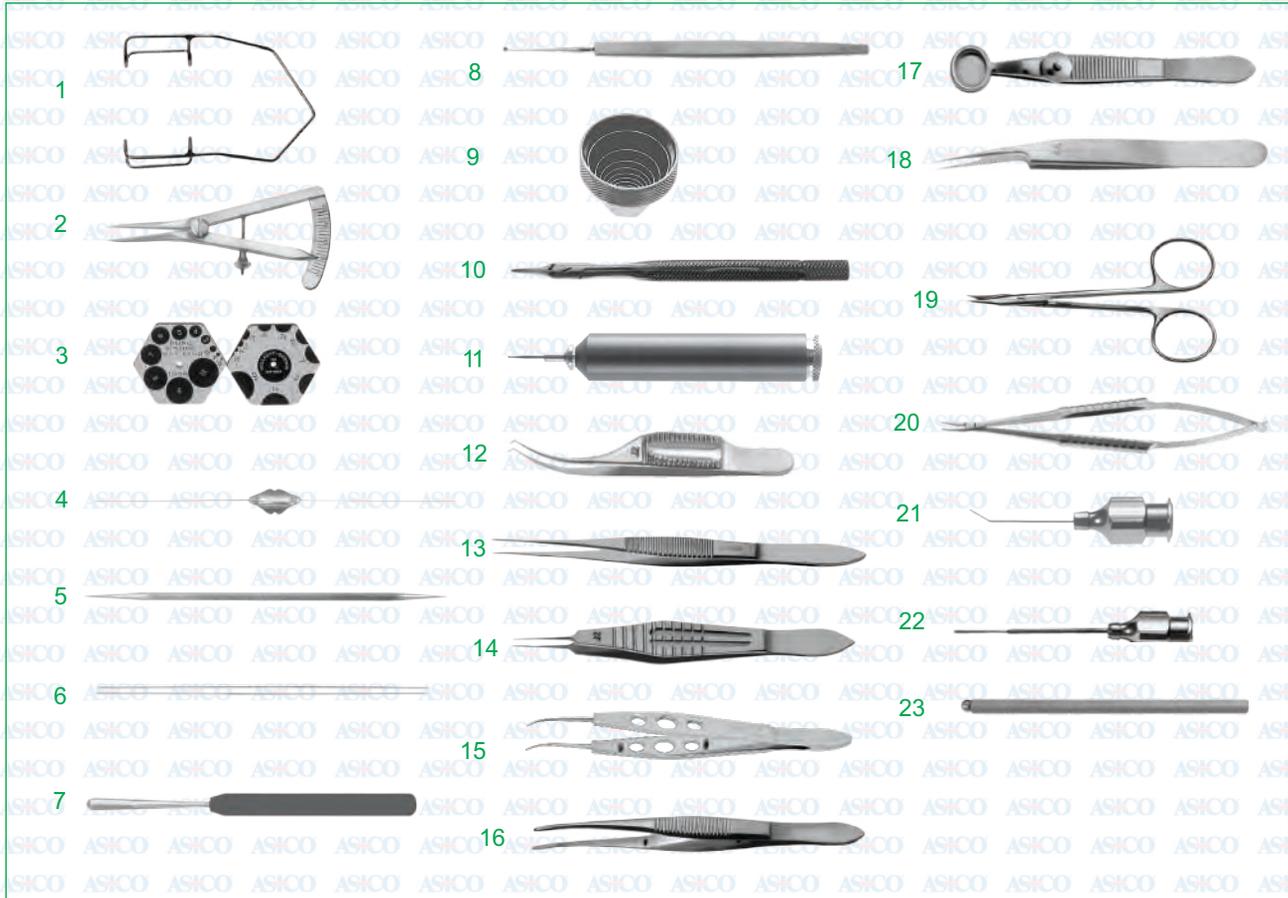


No.	Instrument Type	Suggested	Page
1	Jaeger Stainless Steel Lid Plate	AE - 1260	35
2	Meyerhoefer Chalazion Curette, Size 1.75 mm	AE - 2001	46
3	Meyerhoefer Chalazion Curette, Size 2.5 mm	AE - 2003	46
4	Meyerhoefer Chalazion Curette, Size 3.5 mm	AE - 2004	46
5	Eye Scissors, Angled	AE - 5703	143
6	Manhattan Eye & Ear Suturing Forceps	AE - 4330	113

No.	Instrument Type	Suggested	Page
7	Hunt Chalazion Forceps	AE - 4630	128
8	Francis Chalazion Forceps	AE - 4620	128
9	Castroviejo Needle Holder, Curved, without Lock	AE - 6211	156
10	Chuck Handle, Round	AE - 8001	184
11	Medium Sterilization Tray 6"x10"x0.75", 10-15 Instruments	AST28	209



OPTICIAN SET AE10-1042

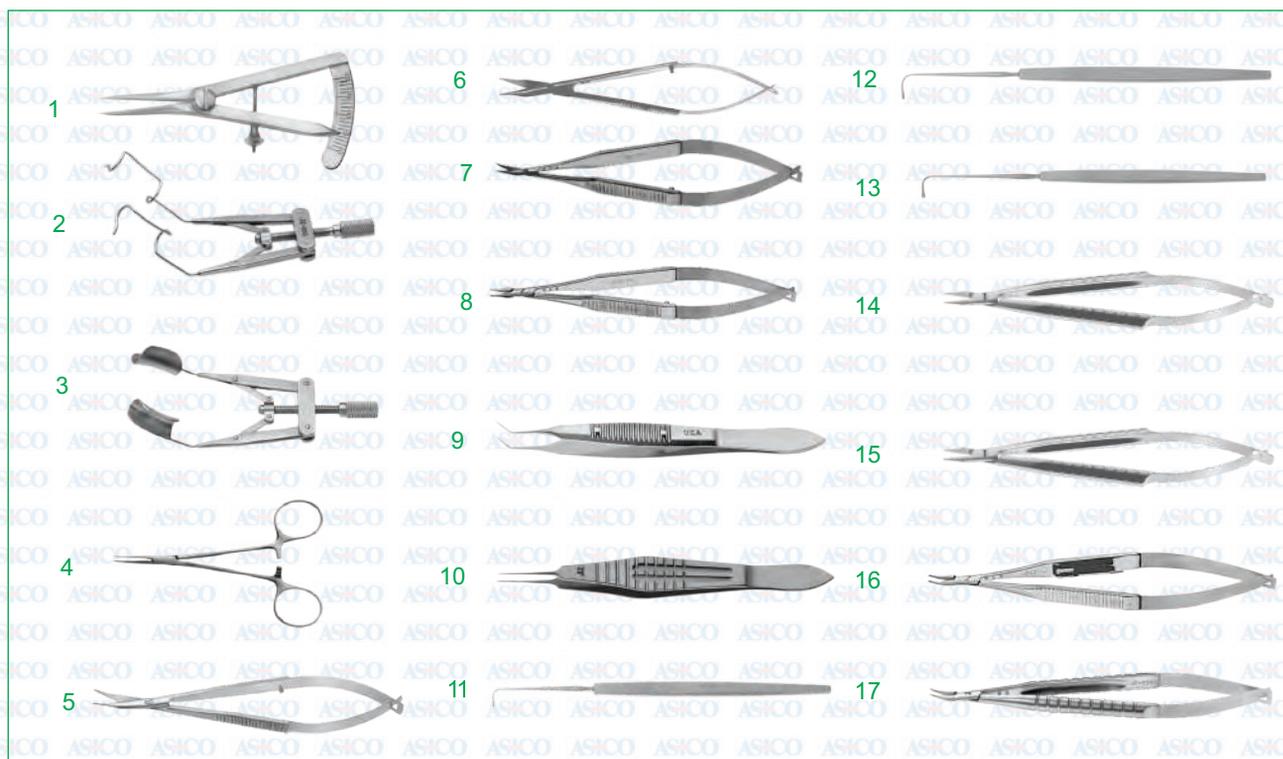


No.	Instrument Type	Suggested	Page
1	Barraquer Wire Speculum, Large	AE - 1002	20
2	Castroviejo Caliper, Straight	AE - 1500	36
3	Holladay-Godwin Pupil Gauge	AE - 1573	39
4	Bowman Lacrimal Probe, size 0000-000	AE - 1600	42
5	Castroviejo Lacrimal Dilator	AE - 1640	42
6	Catalana Lacrimal Intubation Set	AE - 1670	42
7	May Scleral Depressor	AE - 1702	43
8	Meyerhoefer Chalazion Curette	AE - 2000	46
9	Maloney Astigmatism Keratometer	AE - 2743	73
10	Castroviejo Blade Breaker & Holder	AE - 3200	97
11	Algerbrush Corneal Rust Ring Remover	AE - 3250	97
12	Colibri Forceps	AE - 4030N	100

No.	Instrument Type	Suggested	Page
13	Tissue Forceps, Straight	AE - 4120	104
14	Castroviejo Suturing Forceps, 0.12 mm	AE - 4300	117
15	Jaffe Tying Forceps, Curved	AE - 4361	121
16	Barraquer Cilia Forceps	AE - 4520	127
17	Desmarres Chalazion Forceps	AE - 4610	128
18	ASICO Jeweler's Forceps #5	AE - 4705	129
19	Stitch Scissors	AE - 5710	150
20	Barraquer Needle Holder, Delicate Jaw, Curved, without Lock	AE - 6141	154
21	Air Injection (Rycroft) Cannula	AE - 7000	160
22	Lacrimal Cannula	AE - 7010	160
23	Chuck Handle, Hexagon	AE - 8000	184



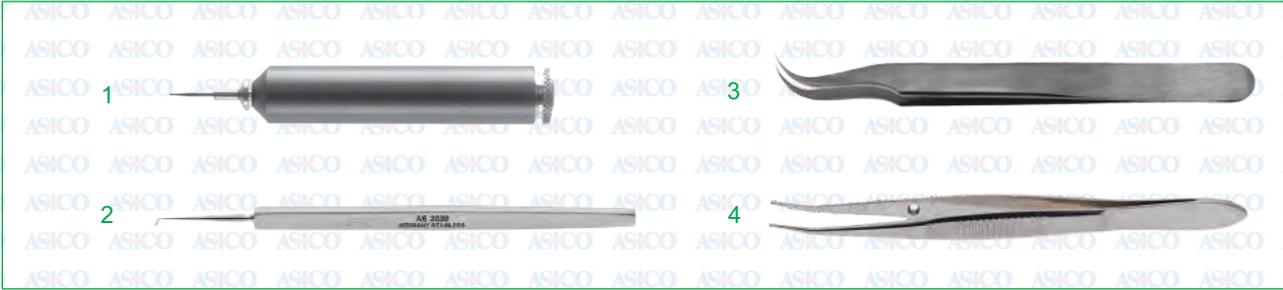
STRABISMUS SET AE10-1043



No.	Instrument Type	Suggested	Page	No.	Instrument Type	Suggested	Page
1	Castroviejo Caliper, Straight	AE-1500	36	10	Castroviejo Suturing Forceps, 0.12 mm	AE-4300	117
2	Lieberman Adjustable Eye Speculum	AE-1040N	26	11	Graefe Muscle Hook, Size 1	AE-2101	47
3	Kraff Solid Blade Temporal Adjustable Speculum	AE-1045N	29	12	Graefe Muscle Hook, Size 2	AE-2102	47
4	Halsted Mosquito Forceps, Straight	AE-4810	130	13	Graefe Muscle Hook, Size 3	AE-2103	47
5	Westcott Tenotomy Scissors, Right	AE-5500	144	14	Barraquer Needle Holder, Straight, with Lock	AE-6100	154
6	Westcott Tenotomy Scissors, Left	AE-5501	144	15	Barraquer Needle Holder, Straight, without Lock	AE-6101	154
7	McPherson-Westcott Stitch Scissors	AE-5509	146	16	Barraquer Needle Holder, Curved, with Lock, Short Model with Delicate Jaws	AE-6110	154
8	Westcott-Type Stitch Scissors	AE-5510	145	17	Curved, without Lock, Short Model, Delicate Jaws	AE-6111	154
9	McPherson Tying Forceps	AE-4371	119				

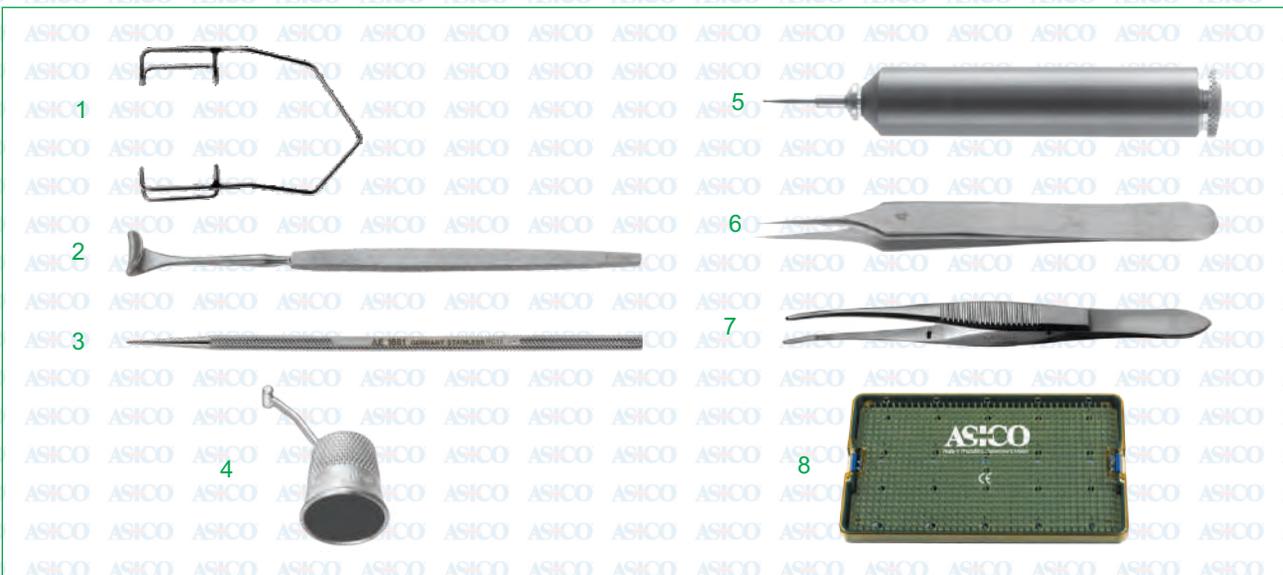


BASIC OFFICE SET AE10-1044



No.	Instrument Type	Suggested	Page
1	Algerbrush Corneal Rust Ring Remover	AE - 3250	97
2	Golf Club Foreign Body Spud	AE - 3039	96
3	Jeweler's Forceps Curved	AE - 4707	130
4	Barraquer Cilia Forceps	AE - 4520	127

FOREIGN BODY SET AE10-1045



No.	Instrument Type	Suggested	Page
1	Barraquer Wire Speculum, Large	AE - 1002	20
2	Desmarres Lid Retractor	AE - 1231	35
3	Wilder Lacrimal Dilator Medium Taper	AE - 1661	42
4	Schepens Scleral Depressor, Large	AE - 1707	43
5	Algerbrush Corneal Rust Ring Remover	AE - 3250	97
6	ASICO Jeweler's Forceps #4	AE - 4704	129
7	Barraquer Cilia Forceps	AE - 4520	127
8	Medium Sterilization Tray 6"x10"x0.75", 10-15 Instruments	AST28	209



CONCEPT TO REALITY: NEW PRODUCT DEVELOPMENT FORM

At ASICO, research and development is an important and continuous process. We constantly test new materials, finishes, and concepts to improve our instruments so you, our customer, can benefit from the latest technology. We welcome the opportunity to work with you in designing and manufacturing a prototype at a reasonable cost. Upon evaluation and necessary modification of the prototype by you, ASICO can manufacture and market the product worldwide. Please complete the following design form and mail or email to the adjacent address :



ASICO LLC

26 Plaza Drive, Westmont, IL 60559, USA
 Phone : + 1 630 986 8032
 Fax : + 1 630 986 0065
 Email : info@asico.com

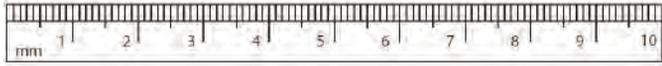
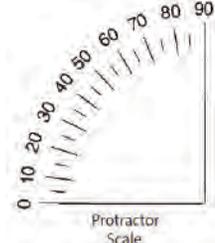
Name _____ Phone _____
 Fax _____ Email _____
 Address _____ City _____
 State _____ Postal Code _____

Your Proposed Instrument is : SCISSORS RETRACTOR NEEDLEHOLDER
 FORCEPS MARKER KNIFE SPATULA OTHER _____

Description of Proposed Instrument :

Handle Type _____ Tip Type _____
 Width _____ Thickness _____ Length _____ Overall Length _____
 Diameter _____ Degree Of Angle _____ Distance From Angle To Tip _____
 Other Specs _____

Please sketch your design and attach a detailed description :



DATE:	PURCHASE ORDER No.:
EMAIL ADDRESS=	
PHONE:	FAX:
ORDERED BY:	
SIGNATURE:	



ASICO LLC

26 Plaza Drive, Westmont, IL 60559, USA
 Phone : + 1 630 986 8032
 Fax : + 1 630 986 0065
 Email : info@asico.com

BILLING ADDRESS:

NAME:
STREET / DEPT / SUITE:
CITY / STATE / ZIP:
ATTENTION:

SHIPPING ADDRESS :

NAME:
STREET / DEPT / SUITE:
CITY / STATE / ZIP:
ATTENTION:

QTY	CATALOG NO.	DESCRIPTION	REPAIR ONLY	REPAIR OR REPLACE
← TOTAL NUMBER OF INSTRUMENTS SENT				

SPECIAL INSTRUCTIONS:

INSTRUCTIONS :

- List all instruments to be repaired and indicate the total number of instruments being sent
- Indicate if instrument should be replaced if it is beyond economic repair
- Package instruments properly to avoid further damage. All shipments must be insured
- When replacement is necessary, a similiar instrument will be supplied if exact instrument is unavailable



CARE AND CLEANING OF DIAMOND KNIVES

ADVANTAGES OF THE DIAMOND KNIFE

Diamond is the hardest material known to man. According to the Rosiwal Scale, a diamond has an abrasiveness hardness of 140 times that of a sapphire or ruby. For this reason, the diamond blade has longer cutting edge life as compared to the ruby or sapphire blades. Cutting with a diamond blade requires much less cutting pressure than blades made of other material. ASICO diamond knife blades are made from a gem quality diamond.

CARE AND HANDLING OF THE DIAMOND KNIFE

The diamond blade should be examined under high magnification prior to each use. Care should be taken to ensure the diamond blade never touches any metal surface. After each use the diamond should be immediately retracted into the handle. A technique should be developed between the O.R. personnel and the surgeon such that the knife is passed only when the diamond blade is retracted into the handle.

CLEANING PROCEDURE

A simple cleaning procedure after each use will ensure a long life of the diamond blade. After each use the diamond blade should be immediately flushed with distilled water through a syringe. A surgical sponge moistened (never dry) with distilled water should be used to gently wipe, without pressure, along the edges and the sides of the diamond towards the point. Never wipe the diamond from the tip towards the mounting.

Due to improper cleaning technique, a cloudy or opaque film may appear on the diamond. This is due to build up of blood and cellular debris on the blade. If this happens, the diamond blade should be cleaned as mentioned in the above procedure but the sponge should be moistened with full strength hydrogen peroxide and then rinsed with distilled water. If the blade does not extend from the handle easily, this could be caused by debris buildup due to improper cleaning. If this should occur, simply place the knife (with the blade retracted into the handle) into an ultrasound for approximately 60 seconds. This should eliminate the problem.

STERILIZATION

All ASICO Diamond Knives are supplied with a specially designed sterilization tray. The knife should be stored and protected in this sterilization tray and can be gas or steam sterilized. The diamond blade should be cleaned properly before sterilizing. If not, the blood and residual debris will be "baked" on the diamond.

WARRANTY

All diamond knives are inspected under high magnification prior to shipping, to ensure their perfect condition. If you have found the instrument not suitable for your needs after examining it, please do not use the knife in surgery. ASICO will give you a full credit for the knife returned which has not been sterilized or used in surgery.



TIPS FOR CARING FOR YOUR SURGICAL INSTRUMENTS

ASICO LLC recognizes that you regularly exercise extreme caution when caring for your precise and delicate surgical instruments. These few thoughts and ideas are to help you and your professional staff maintain the reliability and precise quality of each and every instrument.

Before, during, and after the manufacturing process, we follow extremely strict quality control standards to ensure that you receive the highest quality instruments. We make the following suggestions and reminders to assist you in maintaining and protecting this quality day after day, month after month, and year after year.

WHEN YOU RECEIVE THE INSTRUMENT: **Inspect, inspect, inspect.**

The care of your ASICO precision instrument begins the day you receive it. We recommend that immediately upon receipt, you remove the instrument from its container and examine it carefully under a microscope. If you are not satisfied for any reason, contact ASICO within 48 hours. Only after this critical and thorough inspection should you clean the instrument and place it in your sterilization tray.

STORAGE AND INSPECTION: (We recommend that you store your instruments in the same protective containers in which they will be sterilized. Sterilizing trays should be of the proper size to store a complete set of instruments. We recommend that your sterilization trays be lined with silicone mats. The size and interior design of the tray is important, since it is critical that the instruments do not touch. In addition, remember that your instruments with diamond, sapphire, and ruby cutting blades should be sterilized and stored in a separate container. Instruments must be properly stored in a dry, ambient temperature.

We recommend that you use soft silicone tips to protect your instruments. Be sure not to use rubber or plastic which can melt during autoclaving and can cause damage beyond repair. The silicone tubing should be of the proper size and thickness. Be sure to inspect every microsurgical instrument at the end of your surgical day. We recommend that you or a member of your staff conduct this inspection under magnification to ensure that each instrument is in 100% perfect condition.

If a damaged instrument is detected, replace it. Send the damaged instrument to ASICO, as we provide a prompt, efficient, and dependable ophthalmic instrument repair service.

CLEANING, RINSING AND DRYING YOUR

INSTRUMENTS: The following suggestions are offered as reminders when cleaning your ophthalmic instruments, either manually or with an ultrasonic cleaner.

MANUALLY- All instruments that have been used must be submerged into cold, de-ionized water (<40 C) immediately after use for removing gross (large) soiling, for at least 10 minutes (soaked) and then rinses under deionized water (room temperature) for 1 minute. All surfaces must be cleaned with a soft bristle toothbrush to remove macroscopic contaminants. Special attention is required for uneven surfaces (such as knurled handles) to remove all macroscopic contaminants.

DO NOT use a fixating detergent or hot water (> 40°C) – this may cause fixation of the residue on the instrument causing the reprocessing steps to fail. Soak the instruments in an enzymatic detergent with a pH level between 6-9 for 10 minutes at 40°C (source: lab test data.) After using solution, the instrument must be rinsed with distilled or deionized water at least 3



times. For a lumina (example: Irrigating and aspirating devices), use a disposable syringe (50ml or more) and rinse in normal direction of flow at least 3 times with distilled or deionised water. For Micro-instruments, special cleaning steps and tools must be used. Careful handling of the micro-instruments is required in the pre-cleaning and sterilization procedure.

ULTRASONIC CLEANING - Some instruments may be heavily soiled during a surgery/operation. These instruments will require additional pre-cleaning via an ultrasonic bath. When ultrasonic cleaning is done, care must be taken that the exposure time and concentrations recommended by the manufacturers of the enzymatic cleaning solution are observed, and cleaning agents are compatible with instruments (especially stainless steel and titanium).

The instruments must be placed on a silicone mat in the ultrasonic cleaner. To reduce or avoid endotoxin contamination, it is recommended to change the cleaning solution from the ultrasonic cleaner after each use. Ensure that the ultrasonic bath is not contaminated before use. Contamination can increase the risk of corrosion and impairs the effective cleaning process.

If more than one instrument is being placed in the ultrasonic cleaner, ensure that none of the instruments have any large areas of corrosion (rusted, flaky, or deep stained) before placing in the cleaner. Do not place the instrument in contact with any metal surface on the ultra-sonic cleaner.

Instruments with hinges and joints must be treated in an open state. Soak the instruments in an enzymatic detergent and turn on the ultrasonic bath (38 KHz) for 10 minutes. After the ultrasonic treatment, scrub

the inside and outside of the instruments with a suitable soft bristled nylon brush until all visible soil is removed. Flush the internal channels and the outside with demineralised water to remove the cleaning detergent. A free drain of water through the instruments is required.

Dry instruments to a bone-dry condition with a hot air blower or lint-free cloth. Inspect every instrument before returning it to storage.

STERILIZATION: The most important thing to remember about sterilization is that sterilization is not cleaning. After either the Automated Cleaning or Manual Cleaning process, ONLY clean instruments with no surface debris as per Inspection Requirements can be sterilized.

Be sure that you and your staff members have read and understood the instructions supplied by the manufacturer of your sterilizer.

In some cases, if the sterilization time and temperatures are exceeded, they may cause stress in the material. Only the sterilization criteria listed below are to be used. If other forms of sterilization are used, they must be validated beforehand by the user.

If other sterilization procedures such as ethylene oxide, formaldehyde, or low-temperature plasma sterilization, are used, please observe respective valid standards (ANSO AAMO OSP 14937, EN ISO 14937) and verify the suitability and effectiveness in principle of the procedure, taking into account the specific product geometry as part of the validation. ASICO assumes no responsibility if any other sterilization procedure other than the one given in this document is used.



STERILIZATION GUIDELINES (EXCLUDES DIAMOND KNIVES)

Method of Sterilization	Sterilizer Type	Sample Configuration	Temperature	Exposure Time
Steam	Gravity Displacement	Wrapped	132° C (270° F)	34.0 min
*Flash	Gravity Displacement	Unwrapped	132° C (270° F)	10.0 min
Steam	Prevacuum	Wrapped	132° C (270° F)	4.0 min
*Flash	Prevacuum	Unwrapped	132° C (270° F)	3.0 min
Steam	Prevacuum	Wrapped	134° C (270° F)	3.0 min

* Please follow your hospital / surgical facility's latest regulations

STAINS: IDENTIFICATION & REMOVAL

Use distilled water.

COLOR OF STAIN	CAUSE	HOW TO AVOID PROBLEM OR REMOVE STAIN
Brown-orange	Phosphate deposits - Detergent may be leaving residue	Use a neutral detergent. Rinse instruments thoroughly. Use distilled water.
	Rust in water used in autoclave*	
Dark brown	Dried blood	Clean instrument thoroughly before sterilizing.
Purple-black	Detergent contains ammonia	Rinse instruments thoroughly. Avoid detergents with ammonia.
Blue-black	Dissimilar metals being auto-claved together	Separate instruments by metal type before sterilization, especially titanium and stainless steel.
Black stains	Acid reaction	Can be removed with a pencil eraser. To avoid, use a neutral detergent and rinse thoroughly.

* To quickly determine if it is rust, take a pencil eraser to rub the stain. If the stain is removed, the cause is not rust.

CONCLUSION: We urge you to thoroughly read and understand any instructions that you receive with your cleaning and/or sterilizing equipment. All local, state and/or federal laws that relate to cleaning, maintenance and care of surgical equipment must be followed. | At ASICO, we are always ready to answer your questions. Please contact customer service if you need further assistance.



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Corneal Fixation Forceps, Nordan	105	Cystotome Irrigation Cannula Form	198	Diamond Knife, Multi-Angle, 2.8 mm, Parallel	186
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DMEK Small Tissue Forceps, Kobayashi	135	DXEK/DSAEK Glider John	87	Fine-Ikeda Micro Capsulorhexis Forceps, Short	123
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Drainage Needle Subretinal Fluid	202	Extra Delicate Anis Needle Holder Curved	157	Flap LASIK Marker, Machat Superior	81
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Flexiable Iris Retractor MaxIris	205	Forceps, Castroviejo Suturing	117	Forceps, Kraff-Utrata Capsulorhexis, with Sharp Tip / Laser Lines	127
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Friedman-Koch Universal Chopper & Spatula	62	Graether Sideport Manipulator	60	Hoffman-Buratto LASIK Marker	81
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Frown Incision Marker, Jarstad No-Stitch	38	Grandon Irrigating-Aspirating Cannula	165	Holder & Blade Breaker Castroviejo	97
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Fry Iris Spatula	46	Grasping Forceps Chee Angulated Subluxated IOL131		Holder Barraquer Needle	154
Fry Irrigating Cannula	161	Grasping Forceps, 21G Chee Subluxated IOL	132	Holder Barraquer Needle	155
Fujita Capsulorhexis Forceps	125	Green Fixation Forceps	105	Holder Castroviejo Needle	156
Fujita-Inamura Capsulorhexis Forceps	126	Green Muscle Hook	48	Holder Curved Extra Delicate Anis Needle	157
Fukuyama Fixation Ring	75	Grene B-DORK Probe	77	Holder Delicate Jaws Barraquer Needle	154
Fukuyama LRI Diamond Knife	188	Grene LASIK Speculum	29	Holder Delicate Jaws Straight With Lock	
Fukuyama LRI Diamond Knife 1 Mm Double Footplate	188	Grene Visual Axis Marker	74	Barraquer Needle	154
Fukuyama LRI Marker 60 Degree	81	Grip Forceps 23G VRTIS™ Fine End	133	Holder Dmek Block Kobayashi	40
G		Guell DMEK Forceps	109	Holder ICMS Needle	157
Galand Incision Marker	37	Güell LASIK Forceps	120	Holder Kalt Needle	157
Gaskin Fragment Forceps	124	Guell Lasik Irrigating Cannula	199,162	Holder McIntyre Fish Hook Needle	157
Gass Retinal Detachment Hook	48	Güell LASIK Irrigation Cannula	164	Holder Mcpherson Needle	154
Gauge 25 Kobayashi Dmek Button		Güell LASIK Retreatment Spatula	77	Holder Spatula Buratto Contact Lens	69
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Gauge 25 Kobayashi Dmek Small Tissue Forceps	135	H		Holder, Buratto Superior Flap	81
Gauge Chee Haptic Micrograsper	131	Half Circle Axis Marker Graether	79	Holder, Delicate Castroviejo Needle	156
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Gauge Pair, Holladay-Godwin Cornea	39	With Round	118	Holding Forceps Kraff Lens	111
Gauge Pair, Holladay-Godwin Pupil	39	Handle Aspirating Kusaka	176	Holding Forceps Akahoshi Lens	112
Gauge, ASICO Beveled Degree	41	Handle Back Flush Packo	173	Holding Forceps Faulkner Lens	112
Gauge, ASICO Beveled Degree without Teeth	40	Handle Capsulorhexis Forceps Inamura Flat	126	Holding Forceps Sinskey Lens	111
Gauge, ROm Beveled Without Teeth	41	Handle Cleaning I/Asico	174	Holladay Intra Lase™ Double Crosshair Centering Device	91
Gauge, Graether Degree	41	Handle Scleral Trephine Elliot	188	Holladay Retreatment LASIK Spatula	82
Gauge, Mendez Degree	76	Handle, Chuck	184	Holladay-Godwin Cornea Gauge Pair	39
Gauge, Miyata LRI	41	Handle, Manche Smile Short Forceps	127	Holladay-Godwin Pupil Gauge Pair	39
Gauge, Ron Yeoh	41	Handle, McIntyre Infusion	166	Hook For Xen® Stent Vera Fixation	71
Gauge, Villasenor-Navarro Degree Temporal	75	Handlepiece Aspirating Bimanual	175	Hook Needle Holder, McIntyre Fish	157
Gauge, Yeoh Sideport	39	Handpiece Aspirating Duomax	177	Hook, Ang IOL	50
Gauge, Zaldivar Degree Superior	75	Handpiece Irrigating Bimanual	176	Hook, Ang Push	50
Gauges, Crandall Capsulorhexis Incision	40	Handpiece Irrigating Duomax	177	Hook, Bahr-Maltzman	51
Gill Corneal Knife	96	Handpiece Micro Aspirating Bimanual	176	Hook, Bonn Micro Iris	48
Gill Curved Iris Forceps	100	Handpiece Micro Aspirating Vasavada	175	Hook, Chee Suture Retrieving	51
Gill-Colibri Forceps	100	Handpiece Micro Irrigating Bimanual	175	Hook, Dillman	49
Gills Cortex Extractor	166	Handpiece Micro Irrigating Vasavada	175	Hook, Fenzl, Angled	51
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Girard Corneal Scleral Forceps	117	Haptic Fixation Forceps, Nishi IOL	131	Hook, Graefe Muscle	47
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Glaucoma Punch, Kitahara Rotatable	182	Harris-Sinskey IOL Manipulating Hook	51	Hook, Maloney Enhancement	83
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Glider John DxeK/Dsaek	87	Hata-Miyoshi Aspirating Speculum II	31	Hook, Shepard Iris	48
Globe Fixation Ring Hofmann-Thornton	75	Heavy Wire Speculum Kratz-Barraquer	23	Hook, Sinskey IOL Manipulating II, Angled	50
Golf Club Foreign Body Spud	96	Hersh LASIK Retreatment Spatula	77	Hook, Sinskey II IOL Manipulating, Straight	50
Graefe Cystotome Knife	96	Herzig LASIK Depressor	84	Hook, Sinskey No Hole IOL Manipulating	51
Graefe Fixation Forceps	105	Heslin Infusion Cannula	171	Hook, Tennant IOL Manipulating	53
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Graether Degree Gauge	41	Hirota Capsulorhexis Forceps	120	Hook, Vera Fixation	68
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Hunkeler No-Stitch Frown Incision Marker	37	ILM Spatula, VRTIS™	89	IOL Glide Kellan Nucleus Rotator	61
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Hydrodissection Cannula II Akahoshi	201	Implant Forceps, Buratto Extra Fine Acrylic 3	114	IOL Insertion Forceps, Kellan Endocapsular	110
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Hydrodissection Cannula J Shaped	201	Inamura Cannula	170	IOL Manipulating Hook, Harris-Sinskey	51
Hydrodissection Cannula Kellan	169,201	Inamura Capsulorhexis Forceps	123	IOL Manipulating Hook, Lewicky	53
Hydrodissection Cannula Nucleus	169,201	Inamura Chopper RACE	64	IOL Manipulating Hook, Sinskey No Hole	51
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Hydrodissection Cannula, Kellan	169	Inamura Soft Nucleus Prechopper	107	IOL Manipulator, Kuglen Iris Hook	52
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I		Incision Marker, Jarstad No-Stitch Frown	38	IOL Pusher, Aker	56
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ICL® Cartridge Loading Forceps, Lovisolo	113	Insertion Forceps Lopez DXEK/DSAEK	110	Iris Retractor / Collar Button, Graether	35
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Phaco Chopper, Harry-Yamada	65	Prechopper, Akahoshi Vienna Window	106	Removal/ Loading Forceps NakamuraICL	127
Phaco Chopper, Nagahara	61	Prechopper, Brooks	106	Remover Corneal Rust Ring Algerbrush	97
Phaco Chopper, Olson	63	Prechopper, Combo II, thin Tips	107	Repositioning KAMRA Spatula, Machat	57
Phaco Easy Cutter, Iori	65	Prechopper, Crozafon	116	Reshmi-Gills Flat Olive Tip Cannula	167
Phaco Lancet Multi-Angle Diamond Knife, 3.0 mm	186	Prechopper, Escaf	116	Retinal Detachment Hook, Gass	48
Phaco Manipulator II, Koch	59	Prechopper, Hill	108	Retinal Diamond Knife, VRTIS™ Arumi	184
Phaco Manipulator Koch & Splitter	60	Prechopper, Inamura Eagle	115	Retinal Pick Irrigating Micro	202
Phaco Manipulator, Friedman	63	Prechopper, Inamura Hard Nucleus	116	Retinal Tack Forceps Tip	131
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Retreatment Spatula Macrae Flap Flipper	78	Scissors II Conjunctival Asico	145	Scleral Trephine Handle, Elliot	188
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Ring Scleral Fixation Flieringa	36	Scissors, Eye	149	Shaft ICMS™ Tying Forceps Curved	132
Ring Sustainer Akahoshi Nucleus	64	Scissors, Hata	147	Shaft ICMS™ Tying Forceps Straight	132
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Rom Beveled Gauge without Teeth	41	Scissors, ICMS™ Curved	146	Sharp Tip Laser Lines Kraff-Utrata Capsulorhexis	
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Rotator, Jaffe-Bechert Nucleus	59	Scissors, McPherson-Westcott Conjunctival	144	Shimowake Nucleus / IOL Scissors	142
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Royale III Injector Gauge	195	Scissors, Straight, ASICO Vannas	143	Sideport Manipulator , Graether	60
Royale Injector Screw	194	Scissors, Tan DALK	148	Silicone Bulb & Adaptor, Bishop-Harmon	162
Royale III Cleaning Injector Asico	195	Scissors, Troutman-Katzin Corneal Transplant	140	Silicone IOL Folder Cumming	112
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		Scissors, VRTIS™ Horio Pick	147	Simcoe Posterior Capsule Polisher	168
		Scissors, VRTIS™ Ohji	149	Simcoe Reverse Irrigating-Aspirating I/A	
		Scissors, VRTIS™ Ohji Angled Horizontal	146	Cannula	165,200
		Scissors, VRTIS™ Vertical	146,147	Simcoe-Barraquer Wire Speculum	24
		Scissors, Westcott Tenotomy	144	Singer Frown Marker	37
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		Scissors, Westcott Tenotomy, Right	145	Berkeley-Thornton	72
		Scissors, Yae	148	Single Footplate Dual Micrometer LRI	
		Scissors, Zaldivar Iridectomy	148	Diamond Knifr 1 Mm Asico	188
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Single-Use Akahoshi Hydrodissection Cannula II	201	Solid Blade Adjustable Speculum Pediatric	31	Speculum, Barraquer Solid Blade Wire	21
Single-Use Anterior Chamber Cannula	198	Solid Blade Pediatric Speculum Sauer	33	Speculum, Barraquer Wire	20
Single-Use Atkinson Retrobulbar Needle	199	Solid Blade Speculum Lester-Burch	33	Speculum, Castroviejo	29
Single-Use Bishop-Harmon Irrigating Cannula	198	Solid Blade Speculum McPherson	33	Speculum, Cook	32
Single-Use Brush Tip Cannula	203	Solid Blade Speculum Pediatric	30	Speculum, Crozafon Femto	25
Single-Use Buratto LASIK Cannula	199	Solid Blade Speculum Temporal Lancaster	33	Speculum, Grene LASIK	29
Single-Use Chang Hydrodissection Cannula II	201	Solid Blade Temporal Adjustable Speculum Kraff	29	Speculum, Hata-Miyoshi Aspirating	30
Single-Use Charles Flute Cannula	203	Solid Blade Wire Speculum, Barraquer	21	Speculum, Hata-Miyoshi Aspirating II	31
Single-Use Dual Bore PFC Cannula	203	Solid Nucleus Vectis Kansas Phacosection	71	Speculum, Ikuno-Hata Adjustable with Aspiration	31
Single-Use Guell LASIK Irrigating Cannula	199	Solid Reversible Speculum	43	Speculum, Infant Wire	22
Single-Use Irrigating Cystotome	198	Spadafora Memory Lens Dialer	58	Speculum, Jaffe Wire (Lid Retractor)	32
Single-Use Irrigating Micro Retinal Pick	202	Spatula & Chopper, Friedman-Koch Universal	62	Speculum, Kobayakawa Aspirating Middle,7-holes	20
Single-Use J-Shaped Cannula	199	Spatula & Chopper, Koch-Nagahara	62	Speculum, Kobayakawa Middle	20
Single-Use J-Shaped Hydrodissection Cannula	201	Spatula & Spoon, Paton	53	Speculum, Kraff Nasal Adjustable LASIK Wire,	27
Single-Use Kellan Hydrodissection Cannula	201	Spatula Buratto Contact Lens Holder	69	Speculum, Kraff Nasal Solid Blade Adjustable	28
Single-Use Nucleus Hydrodissection Cannula	201	Spatula, Barraquer Iris	46	Speculum, Kraff Solid Blade Temporal Adjustable	29
Single-Use Packo Back Flush Needle	201,202	Spatula, Castroviejo Cyclodialysis	47	Speculum, Kraff-Sugita Nasal Adjustable Aspirating Wire	27
Single-Use Packo Subretinal Fluid Drainage Cannula	202	Spatula, Castroviejo Synechiae	47	Speculum, Kraff-Sugita Nasal Adjustable Aspirating, Wire Small Blades	27
Single-Use Peribulbar Needle	198	Spatula, Fry Iris	46	Speculum, Kratz-Barraquer Heavy Wire	23
Single-Use Sauter Cannula	201	Spatula, Girard Synechiae	47	Speculum, Kratz-Barraquer Wire	22
Single-Use Simcoe Cortex Extractor	200	Spatula, Güell LASIK Retreatment	77	Speculum, Lancaster Temporal Solid Blade	33
Single-Use Simcoe Irrigating- Aspirating Cannula	200	Spatula, Hersh LASIK Retreatment	77	Speculum, Lester-Burch Solid Blade	33
Single-Use Simcoe Reverse Irrigating-Aspirating Cannula	200	Spatula, Holladay Retreatment LASIK	82	Speculum, Lieberman Adjustable Aspirating	26
Single-Use Slade LASIK Cannula	199	Spatula, Horiguchi ILM	91	Speculum, Lieberman Adjustable Eye	26
Single-Use Soft Tip Cannula	203	Spatula, Iris	46	Speculum, Lieberman Adjustable Eye	26
Single-Use Subretinal Fluid Drainage Needle	202	Spatula, Jaffe IOL	53	Speculum, Lieberman K-style	26
Single-Use Subtenon Needle	199	Spatula, John ALK Narrow Stromal	88	Speculum, Lieberman V-style	26
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Single-Use Terry Capsule Polisher	200	Spatula, John Dextatome DMEK / DSAEK	87	Speculum, Machat-Buratto Adjustable Aspirating LASIK	28
Single-Use Viscous Fluid Injection Cannula	203	Spatula, John DMEK Crystal	54	Speculum, Manche LASIK	25
Single-Use Vitreoretinal Viscodissector	202	Spatula, Johnson	61	Speculum, McPherson Solid Blade	33
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Sinskey Lens Holding Forceps	111	Spatula, Kobayashi Interface Fluid Drainage	87	Speculum, Miyajima Adjustable Aspirating	29
Sinskey II IOL Manipulating Hook Straight	50	Spatula, Lane Femtosecond Cataract Incisional	55	Speculum, Miyoshi Aspirating	21
Sinskey No Hole IOL Manipulating Hook Straight	51	Spatula, Lehmann Intralase	82	Speculum, Miyoshi Aspirating	21
Sinskey Tying Forceps	122	Spatula, Lindstrom PRK / LASIK	76	Speculum, Miyoshi Small Orbit	21
Slade Adjustable Aspirating LASIK Wire Speculum	27	Spatula, Little Malleable	60	Speculum, Miyoshi Small Orbit Adjustable	22
Slade Adjustable Lasik Wire Speculum	28	Spatula, Machat KAMRA® Repositioning	57	Speculum, Miyoshi with Deeper Blades	32
Slade Arcuate Marker	78	Spatula, Machat LASIK Retreatment	83	Speculum, Miyoshi Z LASIK	22
Slade Femto Episweeper	54	Spatula, MacRae Flap Flipper & Retreatment	78	Speculum, Modi Femtosecond	25
Slade Femtosecond Ball Chopper	54	Spatula, Maloney PRK	76	Speculum, Modi Femtosecond, V-style	31
Slade Femtosecond Cannula	171	Spatula, Misra-Koch LASIK Retreatment	84	Speculum, Murdoch LASIK	32
Slade Femtosecond Spatula	54	Spatula, Obstbaum IOL	53	Speculum, Murdoch-Slade LASIK	25
Slade LASIK Irrigation Cannula	163	Spatula, Sarnicola Big Bubble	87	Speculum, Nasal LASIK Wire	21
Slade LASIK Retreatment Spatula	83	Spatula, Slade Femtosecond	54	Speculum, Nasal Wire	23
Slade LASIK Wire Speculum	24	Spatula, Slade LASIK Retreatment	83	Speculum, Nordan Olive Tip	25
Slade-Probst LASIK Spatula	82	Spatula, Slade-Probst LASIK	82	Speculum, Pannu-Bansal Aspirating Wire LASIK	20
Sleeve Spreader, Watzke	132	Spatula, Troutman-Barraquer Iris	46	Speculum, Pannu-Barraquer Aspirating Wire	20
Small Blased Nasal Adjustable Aspitating Wire		Spatula, Tsubota DLK	86	Speculum, Pannu-Kratz-Barraquer Aspirating	23
Speculum Kraff-Sugita	27	Spatula, VRTIS™ Horio ILM 25G	89	Speculum, Pediatric Adjustable Wire	30
Small Orbit Adjustable Speculum, Miyoshi	22	Spatula, VRTIS™ ILM	89	Speculum, Pediatric Solid Blade	30
Small Orbit Speculum Miyoshi	21	Spatula, Vidaurri LASIK Retreatment	83	Speculum, Pediatric Solid Blade Adjustable	31
Small Pupil Chop Nagahara-Ahn	66	Spatula, Vinciguerra LASEK	89	Speculum, Pediatric Wire	30
Small Sterilization Tray	208	Spatula, Vinciguerra PRK	76	Speculum, Probst LASIK	198
Small Tissue Forceps 25 Gauge Kobayashi Dmek	135	Spatula, Wheeler	54	Speculum, Reversible Solid	43
Small Universal Corneal Scissors Castroviejo	141	Spatula, Yeoh Femto-Incision Double-Ended	55	Speculum, Sauer Solid Blade Pediatric	33
SMILE / DSAEK Forceps, Tan	109	Spatula/Cannula Femto Phaco Perone	167	Speculum, Simcoe-Barraquer Wire	24
SMILE / Pocket Dissector, Jod Mehta	56	Speculum Adjustable Lasik Wire Slade	28	Speculum, Slade Adjustable Aspirating LASIK Wire	27
SMILE Dissector Manche	56	Speculum Bansal-Koch, Nasal Cataract Wire	21	Speculum, Slade Adjustable LASIK Wire	28
SMILE Dissector, Tan Femto Lamellar	55	Speculum Lasik Wire Slade	24	Speculum, Slade LASIK Wire	24
SMILE Epithelial / Lenticule Remover, Jod Mehta	56	Speculum Wire Infant	22	Speculum, Tubing Set for Aspirating	22
SMILE/DSAEK Forceps, 23G Tan	109	Speculum Wire Nasal	23	Speculum, Williams	34
Soft Nucleus Prechopper Inamura	107	Speculum, Akahoshi 1-Prong with Square Lock	24	Speculums For Aspirating Tubing Set	22
Soft Tip Cannula	203	Speculum, Akahoshi 3- Prong Cataract	23	Splitter, Akahoshi Universal Nucleus	115
Solid Blade Adjustable Speculum Nasal Kraff	28	Speculum, Akahoshi 3-Prong with Square Lock	24	Splitter, Kraff Nucleus	114
		Speculum, Bansal Nasal LASIK Wire	21		
		Speculum, Bansal-Koch Nasal Cataract Wire	21		



Splitter/Chopper Nagahara	108	Subtenon Needle	198	Tip Laser Lines Kraff-Utrata Capsulorhexis	
Splitter, Rosen Phaco	70	Subtenon Needle Buratto	161	Forceps With Sharp	127
Spoon & Spatula Paton	53	Superior Zaldivar Degree Gauge	75	Tip Mini Bent I/A Akahoshi	178
Spoon, Barraquer Lenticular	68	Super Combo III Prechopper Akahoshi	107	Tip Mini Bent I/A Akahoshi	179
Spoon, Bunge Evisceration	69	Super Micro Forceps John Retrocorneal	135	Tip Mini Curved I/A Akahoshi	178
Spoon, Culler Lens	68	Super Micro Scissors Retrocorneal John	150	Tip Mini Straight I/A Akahoshi	178
Spoon, Wells Enucleation	71	Superior Flap Holder Buratto	81	Tip Nagahara Irrigating Chopper Duomax	177
Spreader Watzke Sleeve	132	Superior Flap Lasik Marker Machat	80	Tip Regular Marking Pens	198
Spreader, Suarez	97	Superior Rectus Forceps Nugent	126	Tip Speculum Olive Nordan	25
Spreading Foceps Bores Incision	105	Superior Rectus Forceps Troutman	126	Tip Straight Ball I/A Akahoshi	178
Spud Foreign Body Golf Club	96	Sustainer, Aguilar	66	Tip Straight Ball I/A With Sandblasting Akahoshi	178
Square Lock Speculum 1-Prong Akahosi	24	Sustainer, Akahoshi Nucleus	63	Tip With Sandblasting Bent Ball I/A Akahoshi	179
Square Lock Speculum 3-Prong Akahosi	24	Sustainer, Akahoshi Nucleus Ring	64	Tip With Sandblasting Curved Ball I/A Akahoshi	179
Squeeze Maloney Flap Flipper	82	Sustainer, Escaf Nucleus	67	Tip, 19G Retinal Tack Forceps	131
Staar® Cartridge Holder	40	Sustainer, Lubeck Horizontal Chopper Nucleus	66	Tissue Forceps	104
Stainless Steel Lid Plate Jaeger	35	Suture Retrieving Hook, Chee	51	Tissue Forceps 25 Gauge Kobayashi	
Steel Lid Plate Stainless Jaeger	35	Suturing Forceps, Castroviejo	117	Dmek Small	135
Stent Vera Fixation Hook For Xen®	71	Suturing Forceps, Manhattan Eye & Ear	117	Tissue Forceps, Bishop-Harmon	103
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Sterilization Tray Deep, Large	211	Tack Forceps Tip, 19G Retinal	131	Tomahawk Chopper, Nagahara	64
Sterilization Tray Double Large	211	Tan DALK Cannula	172,201	Tooke Corneal Knife	96
Sterilization Tray Medium	209	Tan DALK Cannula	172	Tool, Short Handle Whitten Lasik	77
Sterilization Tray Medium Double	210	Tan DALK Scissors	148	Tooth Forceps, ASICO	103
Sterilization Tray large	210	Tan DMEK Stripper	55	Toric Axis Marker II with 5 Degree Markings,	
Sterilization Tray Small	208	Tan DSAEK / SMILE Forceps	110	Intra-Op	79
Sterilization Tray, Diamond Knife	208	Tan DSAEK/SMILE Forceps, 23G Tan, Smile	110	Toric Axis Marker with 5.00 mm Center Opening,	
Sterilization Tray, Micro Instrument	209	Tan Femto Lamellar / SMILE Dissector	55	Nuijts-Solomon	73
Stern-Gills Capsulotomy Scissors	143	Tan Large Lamellar Dissector	66	Toric Axis Marker with CCC Guide,	
Stevens Tenotomy Scissors	150	Tan Marginal Dissector	67	Akahoshi Intra-operative	91
Stevenson Lacrimal Retractor	34	Tan Micro Lamellar Dissector	65	Toric Axis Marker with Peg, Nuijts-Solomon	73
Stitch Scissors	150	Tanaka Maculorrhexis Forceps	136	Toric Axis Marker, Miyata	85
Stitch Scissors, McPherson-Westcott	145	Tan-Jod DMEK Block	39	Toric Axis Marker, Modi Low Profile Intra-Op	84
Stitch Scissors, Westcott-Type	145	TEE Diamond Knife, Double Lancet	185	Toric IOL Manipulator, Yeoh	68
Strabismus Scissors	150	Teeth Without Beveled Degree Gauge Asico	40	Toric IOL Manipulator, Vukich ICL®	64
Straight Little IOL Manipulator No Hole	52	Teeth Without Beveled Gauge ROM	41	Toric Lens Manipulator, Inamura	90
Straight Asico Tying Forceps	122	Temporal Villasenor-Navarro Degree Gauge	75	Toric Marker, Neuhann-Nuijts One-Step	79
Straight Ball I/A Tip Akahoshi	178	Temporal Adjustable Speculum Solid Blade Kraff	29	Toric Marking Device Axsys™ One Step	
Straight Ball I/A Tip With Sandblasting Akahoshi	178	Temporal Solid Blade Speculum Lancaster	33	Electronic	90
Straight I/A Tip Mini Akahoshi	178	Tennant IOL Manipulating Hook	53	Toric Reference Marker Single Side, Pre-Op	79
Straight McPherson Corneal Forceps	102	Tennant Nucleus Manipulator	60	Toric Reference Marker, Pre-Op	79
Straight Nano Diamond Knife 1.7 / 2 Mm		Tennant Tying Forceps	122	Toric Reference Marker, Nuijts-Lane Pre-Op with	
Trapezoidal Akahoshi	187	Tennant-Maumenee Colibri Forceps	102	Bubble, Titanium	78
Straight Shaft ICMS™ Tying Forceps	132	Tenotomy Scissors, Stevens	150	Toric Reference Marking Device, AXsys®	90
Straight Sinskey II IOL Manipulator Hook	50	Tenotomy Scissors, Westcott	144,145	Touch Marker, 6/7/8Mm Milne Ck Light	84
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Straight Vannas Scissors Asico	143	Terry Capsule Polisher	200	Transfer Cannula Single Port Micro Weiss	174
Straight With Lock Barraquer Needle		Thin Fine End Gripping Forceps VRTIS™	133	Transplant Marker Vinciguerra Corneal	75
Holder Delicate Jaws	154	Thornton 360° Arcuate Marker	78	Transplant Scissors Corneal Nordan	140
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Stripper Sarnicola DMEK	109	Thorpe Caliper	38	Trapezoidal Diamond Knife 3.2 / 3.5 Mm	
Stripper Tan DMEK	55	Thorpe Forceps with Laser Lines	105	Multi-Angle	187
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Stromal Spatula John Alk Narrow	88	Chopper	177	Trapezoidal Pathfinder Diamond Knife Universal	186
Suarez Spreader	97	Tip Aspirating Duomax	177	Trapezoidal Straight Nano Diamond Knife	
Sub Sideport Diamond Knife II 0.6 Mm Akahoshi	185	Tip Bent Ball I/A Akahoshi	178	1.7 / 2 Mm Akahoshi	187
Subluxated Iol Grasping Forceps, 23G, Chee	135	Tip Cannula Brush	203	Trapezoidal Straight Ultra Diamond Knife	
Subluxated IOL Grasping Forceps,		Tip Cannula Flat Olive Reshmi-Gills	167	2 / 2.3 Mm Akahoshi	187
21 gauge, Chee	132	Tip Cannula Flat Olive Welsh	167	Tray Deep Sterilization	210
Subluxated, IOL Grasping Forceps,		Tip Cannula Soft	203	Tray Deep Sterilization Medium	210
23 Gauge Chee Angulated	131	Tip Curved Ball I/A Akahoshi	179	Tray Deep Sterilization Large	211
Subretinal Fluid Drainage Cannula Packo	202	Tip Disposable Micro Marking Pens	198	Tray Diamond Knife Sterilization	208
Subretinal Fluid Drainage Needle	202	Tip Irrigating DUOMax	177	Tray Double Sterilization, Large	211
Subretinal/IIm Forceps, 25G VRTIS™ Horio	135			Tray Medium Double Sterilization	210





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