# Innovative Sets for Better Outcomes

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## About Us

Since 1983, ASICO has continuously led the world in ophthalmic innovations and quality for surgical instruments. With the philosophy of “Today’s Precision...Tomorrow's Vision,” ASICO has transformed dreams and concepts of numerous surgeons into reality. ASICO is, and has been, the world’s first for the most popular choppers, pre-choppers, micro-capsulorhexis forceps, Toric markers, and corneal instruments for DSAEK, DALK, and DMEK. To maintain the reputation of excellence, ASICO is always looking to work with surgeons to create exceptional products. ASICO has repeatedly set the standard for innovation and quality in a continuously evolving industry, to provide the best surgical outcomes.
**Single Use Instrument Set**

**Side port**

- AS-8316
- AS-8318

**Main port**

- AS-8312
- AS-8313
- AS-8315
- AS-8316
- AS-8318

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**Nucleus**
Hydrodissection Cannula

- **AE-7626**: 27 gauge, angled
- **AE-7629**: 25 gauge, angled
  
  Flat tip for effective hydrodissection

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**Kellman**
Hydrodissection Cannula

- **AE-7627**: 25 gauge, curved
  
  Vertical flattened tip

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**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

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**Chang**
Hydrodissection Cannula

- **AE-7638**: 27 gauge
  
  90° bent tip with open front port
**Dr. Akahoshi Toric Set**

**AXsys Toric Reference Marking Device: AE-2929**

AXsys® reference marking device marks 0° & 180° mark on patients eye Pre-operatively

**Akahoshi Intra-operative Axis Marker with CCC Guide: AE-2933**

- Marks the desired axis intra-operatively
- Outer diameter is 10mm
- Easy to apply for small eyes and narrow lid cases
- The inner distance between the blades is 5mm indicating the ideal CCC size

**Glued IOL Set**

**Chee Haptic Micro-grasper: AE-4901(Horizontal), AE-4902(Vertical)**

Retrieving the haptic of an IOL through a sclerotomy is a crucial step in the process of intrascleral fixation of an IOL

**Chee Subluxated IOL Grasping Forceps, 23G: AE-4939**

This specially designed atraumatic forceps, designed in 23G, has gently sand-blasted gripping surfaces that allow the surgeon to reach and hold onto the IOL optic or haptic as needed

(Also available in 21G AE-4907)
Glued IOL Set

Chee Angulated Subluxated IOL Grasping Forceps, 23G: AE-4903

The slim profile of this 23G micro-forceps in combination with the angulation of the tip allows it to be inserted through a paracentesis to securely grasp a posteriorly displaced intraocular lens optic or haptic. The jaws of this instrument open widely enabling it to readily take hold of thick and thin optics with ease.

Chee Suture Retrieving Hook: AE-2210

Iris fixation of IOLs and other iris suturing techniques using the Siepser sliding suture require the hooking of a 9 or 10/0 prolene suture from the anterior chamber angle before externalising and tying the knot. This maneuver is repeated several times. The Chee suture retrieving hook is designed with this specific aim in mind and makes this tedious step simpler and safer.

DMEK Set

Ahn DMEK Rake : AE-2327

The Ahn DMEK Rake allows for careful separation of the donor Descemet’s membrane without direct contact to the endothelial surface. The wider, flat surface allows for gentle manipulation of the donor tissue while harvesting the endothelial graft.

John DMEK Cannula, 30G: AE-7003

Facilitates irrigation of BSS and air injection into the recipient anterior chamber as needed during the transplantation of the Descememt’s membrane to the recipient cornea.

Tan DSAEK/SMILE Forceps: AE-4226

The forceps is designed in such a way that allows grasping the donor button on stromal side only which minimizes endothelial loss.
**DMEK Set**

**McKee/Price DMEK scissors, 23G: AE-5670**

Ideal for iridectomy procedure through 1mm side port incision

**Tan DMEK Stripper: AE-2336**

Double ended device for cutting the peripheral margins of DM without radial tears. Curved tip for lamellar separation of DM from the stroma

**DSAEK Set**

**Tan DSAEK/SMILE Forceps: AE-4226**

The forceps is designed in such a way that allows grasping the donor button on stromal side only which minimizes endothelial loss

**John Dexatome DMEK/DSAEK Spatula: AE-2872**

The unique design of this spatula helps in smooth, uniform Descemetorhexis and removal of the Descemet’s membrane as a single disc. It allows easy contact with almost all parts of the patient’s inner corneal surface

**John DXEK/DSAEK Stromal Scrubber: AE-2878**

Designed to effectively roughen the inner corneal stroma within the Descemetorhexis circle. The curvilinear design of the instrument allows easy access of the inner-corneal dome
## DALK Set

**Tan DALK Scissors: AE-5666(Left), AE-5667(Right)**

Jaws are highly polished to glide across the Descemet’s membrane. Unique safety platform on the lower tine blades ensures blades are well separated from Descemet’s membrane when cutting the stroma.

**Tan Marginal Dissector: AE-2549**

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

**Tan DALK Cannula 27G: AE-7803**

Used to create an ideal big bubble.

## Iridectomy Set

**Tan DSAEK/SMILE Forceps: AE-4226**

The forceps is designed in such a way that allows grasping the donor button on stromal side only which minimizes endothelial loss.

**Alio Iridectomy Forceps: AE-4965S**

Tips have serrated jaws. Can be used through sideport. Curvature of shaft ideal for Capsulorrhexis.

**Zaldivar Iridectomy Forceps: AE-4965**

Zaldivar Iridectomy Forceps perfect for grabbing the iris during iridectomy.
**Iridectomy Set**

*Zaldivar Iridectomy Scissors: AE-5665*

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

**McKee/Price DMEK scissors, 23G: AE-5670**

Ideal for iridectomy procedure through 1mm side port incision

**SMILE Set**

*Tan DSAEK/SMILE Forceps: AE-4226*

The forceps is designed in such a way that allows grasping the donor button on stromal side only which minimizes endothelial loss

*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. The dissector end is used to release the lenticule

*Jod Mehta SMILE Epithelial / Lenticule Remover: AE-2404*

One end acts as a guide to help surgeon to the exact edge of the lenticule, the other end has a curved spoon shape to allow safe removal of epithelium
### Prechopper Basic Set

**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.

**Akahoshi Nucleus Manipulator: AE-2530**

Long tip supports even deepest part of nucleus. Small microball is easy to manipulate and used through sideport.

**Akahoshi Micro Incision Capsulorhexis Forceps: AE-4347**

Flat handle, easy to manipulate easily through a 1.6 mm incision. 0.6 laser lines on the shaft 1mm apart.

### Prechopper Premium Set

**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.

**Akahoshi Universal II Prechopper: AE-4192**

Safely and effectively prechop nuclei of grades 2 to 4.

**Akahoshi Nucleus Manipulator: AE-2530**

Long tip supports even deepest part of nucleus. Small microball is easy to manipulate and used through sideport.
### Prechopper Premium Set

**Akahoshi Micro Incision Capsulorhexis Forceps: AE-4347**

- Flat handle, easy to manipulate easily through a 1.6 mm incision. 0.6 laser lines on the shaft are 1mm apart.

**Akahoshi Hydrodissection Cannula II: AE-7636**

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

**Akahoshi 3-Prong Speculum with Square Lock: AE-1025**

- 3 prong nasal speculum for easy temporal access with maximum even exposure.

### IOL Explantation Set

**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 3mm wound. Features a cavity for holding the lens.

**Chee Subluxated IOL Grasping Forceps, 21G AE-4907**

- This specially designed atraumatic forceps, designed in 21G, has gently sand-blasted gripping surfaces that allow the surgeon to reach and hold onto the IOL optic or haptic as needed.
IOL Explanation Set

Shimowake Nucleus/ IOL Scissor, Serrated: AE-5437

Features specially designed tips to cut an acrylic lens and the nucleus. The tips of the scissors were created with a rounded ball to prevent any potential tears on the capsule and/or the iris.

I/A Tip Set

Akahoshi Ball I/A Tip  Patented

Akahoshi Mini Skinny I/A Tip  Patented

0.3mm port

Elimination of swivel motion reduces mechanical stress on the incision

Also available in sandblasted tip

Catalog Number Guide

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ASICO Cleaning I/A Handle: AE7-0029

For TASS Management - I/A handles complete cleaning capability helps to avoid possible contamination. Compatible with all I/A tips, sleeves, and phaco machines.

Femtosecond Set

Murdoch-Slade LASIK Speculum: AE-1033

Self locking speculum
**Femtosecond Set**

**Slade Femtosecond Spatula: AE-2326**

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

**Yeoh Femto Prechopper: AE-4294**

Completely blunt and thin for complete nuclei separation.