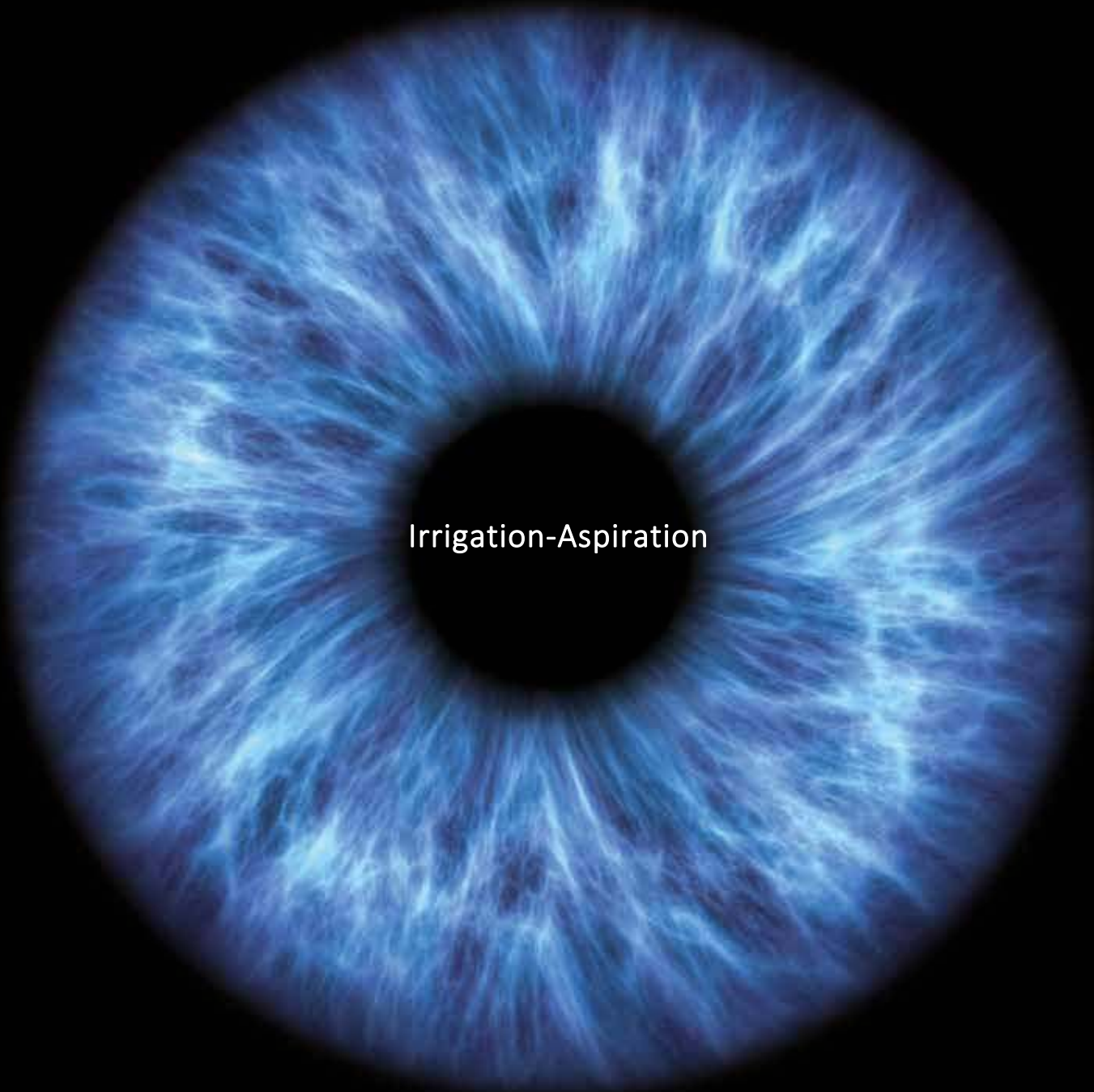




OPHTALMO



Irrigation-Aspiration

THIS IS WHAT THE FUTURE LOOKS LIKE

# Bimanual I/A



This system is designed for bimanual irrigation and aspiration of residual cortex after phacoemulsification and removal of the nucleus. The handpieces are color coded and designed for comfortable hand position when used through two opposing side port incisions.

## Irrigation Handpieces

with female connector, blue color

- K7-5836** 23 gauge, dual 0.3mm side ports
- K7-5838** 22 gauge, dual 0.4mm side ports, oval
- K7-5839** 21 gauge, dual 0.5mm side ports, oval
- K7-5840** 21 gauge, dual 0.5mm side ports

## Irrigation and Aspiration Handles

For use with standard luer-lock cannulas.

- K7-5890** Aspiration Handle  
male/male fitting, magenta color
- K7-5892** Irrigation Handle  
male/female fitting, blue color

## Aspiration Handpieces

with male connector  
side port facing into curve  
magenta color

- K7-5804** 23 gauge, 0.3mm port
- K7-5805** 23 gauge, 0.3mm port, textured tip
- K7-5810** 21 gauge, 0.35mm port
- K7-5811** 21 gauge, 0.35mm port, textured tip
- K7-5814** 21 gauge, 0.4mm port
- K7-5815** 21 gauge, 0.4mm port, textured tip
- K7-5816** 22 gauge, 0.3mm port, oval
- K7-5817** 22 gauge, 0.3mm port, oval, textured tip
- K7-5818** 21 gauge, 0.4mm port, oval



# Irrigating Manipulators

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## Bohm

Irrigating Iris Retractor  
 21 gauge  
 0.75mm diameter collar button  
**K7-5770**



## Lu

Irrigating Toric  
 Lens Manipulator  
 smooth bulbous shaped tip  
 end opening  
 20 gauge thin wall  
**K7-5780**



## Rosenwasser

Irrigating Endothelial Stripper  
 thin, semi-circular tip  
 end opening irrigation port  
 20 gauge thin wall  
**K7-5897**



# Irrigating Nucleus Choppers

## Hydrochoppers

For precisely controlled fluidics during micro incision and bimanual cataract surgery techniques.



Solid one-piece stainless steel front ends on lightweight aluminum handpieces. For micro incision or bimanual cataract surgery through an incision size of 1.2mm.



**Alio "Stinger"**  
irrigation port facing posteriorly, 20 gauge, oval  
**K7-5863**



**Fine**  
Nucleus Chopper with 1mm long V-shaped tip  
20 gauge thin wall  
**K7-5871**



**Fukasaku**  
Small Pupil Snapper Hook wedge shaped inferior edge with blunt tip and front notch for engaging iris  
20 gauge thin wall  
**K7-5873**



**Rosen**  
Phaco Splitter wedge shaped inferior edge with blunt tip  
20 gauge thin wall  
**K7-5875**



**Nichamin**  
Nucleus Chopper with wedge shaped tip offset 60°  
20 gauge thin wall  
**K7-5877**



**Chang**  
Phaco Chopper with modified MicroFinger for horizontal chopping  
20 gauge thin wall  
**K7-5879**



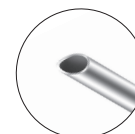
**Nagahara**  
Phaco Chopper with wedge shaped inferior edge and round blunt tip  
20 gauge thin wall  
**K7-5881**



**Nagahara**  
Phaco Chopper with wedge shaped inferior edge and round blunt tip offset 60°  
20 gauge thin wall  
**K7-5883**



**Giannetti**  
Nucleus Chopper and Manipulator with semi-sharp sides and concave inferior surface  
20 gauge thin wall  
**K7-5885**



**Lindstrom**  
Irrigator end opening  
20 gauge thin wall  
**K7-5889**

# I/A System

## QUICK Switch System



**QuickSwitch I/A Handpiece**  
K7-6010 male aspiration connector

- For cortical cleanup and removal, aspiration of viscoelastic and infusion of BSS
- Perfectly balanced lightweight handpiece with male and female luer fittings to accommodate tubing connectors
- No “O” rings to change
- Direct fluid flow through handpiece
- Changing tips intraoperatively is a snap with QuickSwitch
- Large selection of I/A tips

Coaxial I/A Tip, straight  
side port aspiration  
16 gauge irrigation sleeve  
with dual side ports

**K7-6020** 0.3mm aspiration port  
**K7-6021** 0.4mm aspiration port



Coaxial I/A Tip, curved  
0.3mm side port aspiration  
16 gauge irrigation sleeve  
with dual side ports

**K7-6023**



# I/A System



Coaxial I/A Tip, 0.3mm side port aspiration angled 45°  
16 gauge irrigation sleeve with dual side ports  
**K7-6030**



Coaxial I/A Tip, 0.3mm side port aspiration angled 90°  
16 gauge irrigation sleeve with dual side ports  
**K7-6033**



Coaxial I/A Tip, 0.3mm side port aspiration curved 160°  
16 gauge irrigation sleeve with dual side ports  
**K7-6036**



Coaxial I/A Tip, 0.3mm end opening aspiration curved 160°  
16 gauge irrigation sleeve with dual side ports  
**K7-6037**



Coaxial I/A Tip for viscoelastic removal, straight, 0.5mm side port aspiration, 16 gauge irrigation sleeve with dual side ports  
**K7-6045**



Coaxial I/A Tip, straight, side port aspiration, silicone irrigation sleeve with dual side ports  
**K7-6050** 0.3mm aspiration port  
**K7-6051** 0.4mm aspiration port



Coaxial I/A Tip, 0.3mm side port aspiration angled 45°  
silicone irrigated sleeve with dual side ports  
**K7-6052**



Coaxial I/A Tip, 0.3mm side port aspiration angled 90°  
silicone irrigation sleeve with dual side ports  
**K7-6054**



Silicone Irrigation Sleeve  
(pkg/6)  
**K7-6059**



Luer adapter  
*For use with conventional irrigation cannulas.*  
**K7-6060**

# Infusion Handles

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## McIntyre

Infusion Handle  
autoclavable plastic  
male/tubing connectors  
7.5cm long

**K7-6750**

**K7-6748** silicone tubing and adaptor



## Kansas

Infusion Handle  
male/male connectors  
7.5cm long

**K7-6795**



## Katena

Infusion Handle  
male/tubing connectors

**K7-6800** 11.5cm long

**K7-6801** 7.5cm long



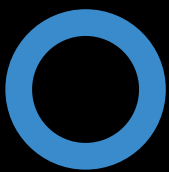
## Katena

Infusion Handle

**K7-6805** male/male connectors

**K7-6806** male/female connectors





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THIS IS WHAT THE FUTURE LOOKS LIKE

- SURGICAL
- CONSUMABLES
- MEDICAL DEVICE