

Rongeurs

Kerrison

Bone Nibbling Rongeur
9mm opening

K7-1800 size 0, 3.0mm wide

K7-1801 size 1, 3.5mm wide

K7-1802 size 2, 4.0mm wide

K7-1803 size 3, 4.5mm wide



Citelli

Bone Nibbling Rongeur
7mm opening
2.0mm wide

K7-1805



Lacrimal Instruments

Beyer

Rongeur
single action

K7-1810



2/3

Nasal

Speculum

K7-1820 infant

K7-1821 child

K7-1822 adult



2/3

Freer

Periosteal Elevator

one end blunt

other end semi-sharp

4.5mm wide blades

K7-1830



2/3

Lacrimonal Instruments

Joseph

Periosteal Elevator
gently curved tip

K7-1835



West

Lacrimonal Chisel
straight

K7-1840



Freer

Lacrimonal Chisel
curved

K7-1845



Lacrimal Instruments

Mallet

lead filled
stainless steel head
K7-1860



2/3

Harms

Trabeculotomy Probe
K7-1000 right
K7-1010 left



Infant

Lacrimal Dilator
very fine blunt tip
K7-2000



Muldoon

Lacrimal Dilator
K7-2100



Lacrimonal Instruments

Wilder

Lacrimonal Dilator

K7-2110 size 1, fine taper

K7-2120 size 2, medium taper

K7-2130 size 3, heavy taper



Castroviejo

Lacrimonal Dilator

double-end

fine and

medium taper

K7-2300



Miyake

Lacrimonal Probe

round knurled handle

140mm long, patented

K7-2480 set of 5

K7-2481 .45 and .5mm dia.

K7-2483 .55 and .6mm dia.

K7-2485 .65 and .7mm dia.

marked in 10mm
increments

K7-2487 .75 and .8mm dia.

single mark at
10mm from tips

K7-2489 .85 and .9mm dia.

single mark at
10mm from tips



U.S. Patent # 6,093,198

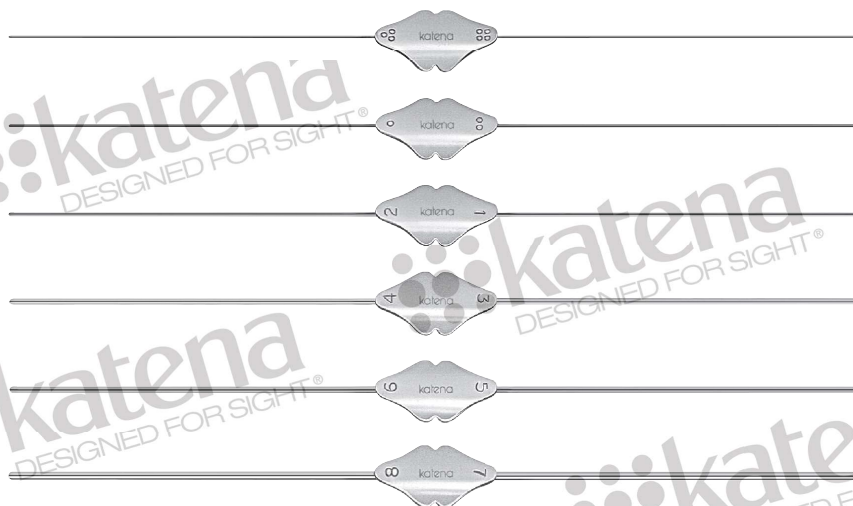
REDUCED SIZE

Lacrimal Instruments

Bowman

Lacrimal Probe
malleable stainless steel

- K7-2500** set of 6
- K7-2510** size 0000 & 000
- K7-2520** size 00 & 0
- K7-2530** size 1 & 2
- K7-2540** size 3 & 4
- K7-2550** size 5 & 6
- K7-2560** size 7 & 8



Catalano

Lacrimal Intubation Set
includes 2 blunt
0.7mm diameter probes
attached to 30.5cm long
silicone tubing
.012" I.D., .025" O.D.

- K7-2600** set
- K7-2602** silicone tubing only



Jackson

Lacrimal Intubation Set
includes 2 blunt
0.9mm diameter probes
attached to 30.5cm long
silicone tubing
.012" I.D., .025" O.D.

- K7-2610** set
- K7-2602** silicone tubing only



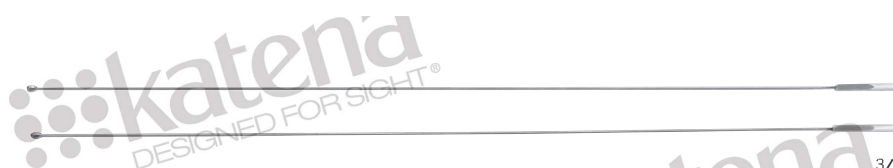
Lacrimal Instruments

Crawford

Lacrimal Intubation Set
includes 2 olive tip
0.6mm diameter probes
attached to 30.5cm long
silicone tubing
.012" I.D., .025" O.D.

K7-2620 set

K7-2602 silicone tubing only



Crawford

Retrieving Hook
for Crawford lacrimal
intubation probes

K7-2623



Bodian

Lacrimal Probe Set
includes 2 curved
blunt 1mm diameter probes
attached to 30.5cm long
silicone tubing
.012" I.D., .025" O.D.

K7-2630 set

K7-2602 silicone tubing only



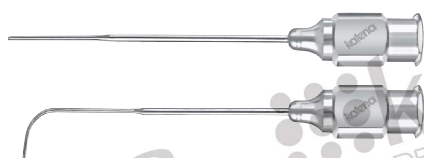
Pigtail

Probe
with suture holes

K7-2900



Cannulas



Lacrimal
Cannula
malleable tip
23 gauge
K7-3000 straight
K7-3010 curved



McIntyre
Lacrimal Cannula
dual 0.3mm side ports
23 gauge
K7-3020 straight
K7-3030 curved



Shahinian
Lacrimal Cannula
bullet shaped tip
0.3mm side port
23 gauge, 11mm long
K7-3014



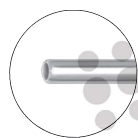
West
Lacrimal Cannula
blunt tip
0.3mm side port
23 gauge
K7-3100



Burnstine
Lacrimal Cannula
tapered tip
0.15mm end opening
23 gauge, 13mm long
K7-3016



Silicone Oil
Injection Cannula
7mm long
23 gauge
K7-3210



Cannulas



Air Injection

Cannula
angled at 5mm

K7-3500 30 gauge

K7-3520 27 gauge



Viscoelastic

Aspiring Cannula
angled at 10mm

K7-3550 22 gauge

K7-3552 19 gauge



Arbisser

A/C Cannula
angled at 5.5mm
27 gauge

K7-3510

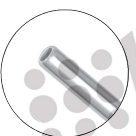


Rainin

Air Injection Cannula
flat tip
angled at 7mm

K7-3570 30 gauge

K7-3580 27 gauge



Air Injection

Cannula
angled at 7mm

K7-3502 30 gauge

K7-3522 27 gauge



Capsule

Staining Cannula
0.2mm posterior port
angled at 8mm
25 gauge

K7-3585



Cannulas



Bottom View



DALK

Air Injection Cannula
flattened, vaulted
0.2mm posterior port near tip
27 gauge
K7-3590



Troutman

Olive Tip Cannula
delicate
25 gauge
K7-3800



Top View



Rosenwasser

DALK Cannula
flattened "cobra-shaped" tip
0.2mm posterior port
27 gauge
K7-3595



Bottom View



LASEK

Alcohol Cannula
delicate olive shaped tip
angled at 10mm
25 gauge
K7-3805



Randolph

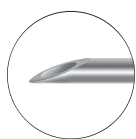
Cyclodialysis Cannula
formed flat tip
angled at 13mm
K7-3600 21 gauge
K7-3620 19 gauge



Welsh

Flat Olive Tip Cannula
25 gauge
K7-3820 angled forward
K7-3830 angled left
K7-3840 angled right

Cannulas



Atkinson
Retrobulbar Needle
23 gauge, 35mm long
K7-4000



Corbin
Sub-Tenon's Anesthesia Cannula
smooth rounded tip
0.3mm side port
23 gauge
K7-4008



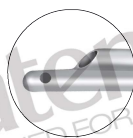
Fukasaku
Anesthesia Cannula
gently curved, smooth tip
24 gauge
For pinpoint placement of
local anesthesia solution into
sub-Tenon's space.
K7-4002



Gross
Sub-Tenon's Anesthesia Cannula
gently curved
flat burnished tip
front opening, 21 gauge
K7-4010



Stevens
Sub-Tenon's Anesthesia Cannula
gently curved, flat tip
19 gauge
For atraumatic entry into
sub-Tenon's space to inject
local anesthetic.
K7-4005



Simcoe
Irrigating-Aspirating
Cannula
original model, 15mm long
0.3mm diameter aspiration port
front opening irrigation port, 23 gauge thin wall
For aspiration through tubing
hub and irrigation through
luer-lock hub.
K7-4300

Cannulas



Reversed Simcoe

Irrigating-Aspirating Cannula

15mm long

0.3mm diameter aspiration port

front opening irrigation port

23 gauge thin wall

For aspiration through luer-lock hub
and irrigation through tubing hub.

K7-4302

Simcoe

Irrigating-Aspirating Cannula

U-shaped, with 0.3mm anterior

aspiration port, 23 gauge

Supplied with silicone tubing

and adaptor.

For aspiration through tubing

hub and irrigation through

luer-lock hub.

K7-4308 curved right

K7-4309 curved left



Gess

Irrigating-Aspirating Cannula

U-shaped, with end opening

aspiration port, 23 gauge

Supplied with silicone tubing and adaptor.

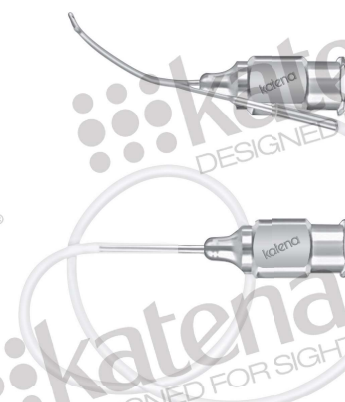
For aspiration through tubing

hub and irrigation through

luer-lock hub.

K7-4304 curved right

K7-4305 curved left



Strauss-Simcoe

MSICS I/A Cannula

23 gauge, 0.3mm port

elongated and gently curved

with 15° angled tip.

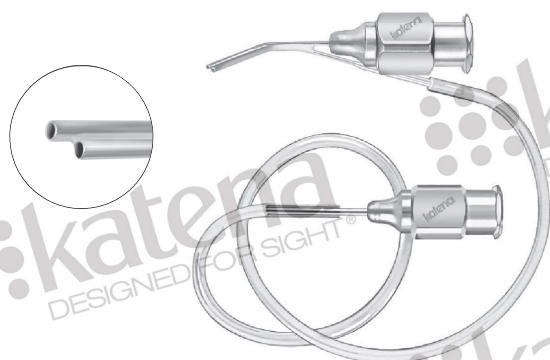
For aspiration through tubing

hub and irrigation through

luer-lock hub.

K7-4320

Cannulas



Gills

Irrigating-Aspirating Cannula
front openings with irrigating
port recessed 0.5mm from tip
angled, 23 gauge thin wall
Supplied with silicone tubing
and adaptor.

K7-4450



Silicone Tubing

for I/A cannulas

K7-4455 tubing and adaptor

K7-4456 tubing only
12" (30.5cm)



Kelman

Cystotome
sharp point and
sharp cutting edge
22 gauge

K7-4600



Kratz

Cystotome
sharp point and
sharp cutting edge
formed, 22 gauge

K7-4601



Double-Edge

Cystotome
sharp point and
sharp cutting edges
22 gauge

K7-4640

Cannulas



Knolle-Kelman

Cystotome
small blade
sharp point and
sharp cutting edge
22 gauge

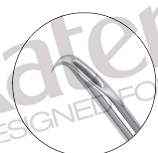
K7-4660



Shammas

Posterior Capsule
Polishing Curette
1mm diameter cup with
textured base
22 gauge

K7-4850



McIntyre

Cystotome
angled at 10mm
sharp point
23 gauge

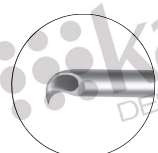
K7-4680



Kraff

Posterior Capsule
Polishing Curette
1.75mm diameter cup
with semi-sharp edge
irrigating port in center of cup
25 gauge

K7-4880



Lieppman

Cystotome
extra small sharp point
and sharp cutting edge
22 gauge

K7-4700



Henderson

MICS Capsule Polishing Cannula
finely textured, 1.25mm wide
disc-shaped tip, with 0.5mm
posterior facing port
23 gauge

K7-4890

Cannulas



Dvali

Capsule Polisher
dual side ports
textured posterior surface
and smooth anterior surface
23 gauge
K7-4892



Shapiro

Posterior Capsule Polisher
carbide impregnated tip
dual 0.3mm side ports
curved, 23 gauge
K7-4906



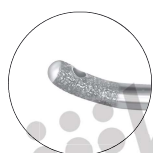
Kratz

Scratcher
front opening with
carbide impregnated tip
lightly angled
22 gauge
For polishing the posterior capsule.
K7-4900



Jensen

Capsule Polisher
carbide impregnated
front opening
For polishing the anterior and/or posterior capsule.
K7-4920 25 gauge, half-textured tip
K7-4921 25 gauge, fully-textured tip
K7-4930 23 gauge, half-textured tip
K7-4931 23 gauge, fully-textured tip



Rubman-Katzin

Posterior Capsule Polisher
carbide impregnated tip
with smooth closed end
irrigating side port
facing into curve
22 gauge
K7-4902



Lu

Posterior Capsule Polisher
flattened olive shaped tip
carbide impregnated on
the posterior surface
front opening, 23 gauge
K7-4933



Cannulas



Knolle

Posterior Capsule Polisher
finely textured
2mm angled tip
front opening

K7-4940 30 gauge

K7-4950 23 gauge



Peters

Hydrodissection Cannula
3mm long, vertically flattened tip
25 gauge

K7-5053



Bishop-Harmon

Anterior Chamber Irrigator
includes 19 gauge angled
cannula, adaptor and blue
silicone bulb

K7-5000 complete

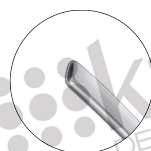
K7-5005 silicone bulb
and adaptor

K7-5010 silicone bulb

K7-5020 adaptor

K7-5050 19 gauge cannula

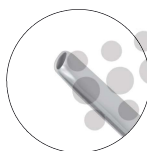
K7-5052 21 gauge cannula



Hydrodissection

Cannula
angled at 8mm
flat tip, front opening
25 gauge

K7-5054



Seeley

Hydrodissection Cannula
angled at 12mm
flat tip, front opening
26 gauge

K7-5056



Cannulas



Dahan

Nucleus Prolapsing Cannula
angled at 4mm
miniature olive tip with
0.15mm end opening
25 gauge

K7-5058



Chu

Hydrodissection Cannula
flattened, 25 gauge
0.75mm long spatulated tip

K7-5085



Knolle

Anterior Chamber
Irrigating Cannula
angled at 2mm, front opening

K7-5060 30 gauge

K7-5062 27 gauge

K7-5080 23 gauge

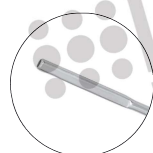


Irrigating Cannula

dual side ports
23 gauge

K7-5095 0.4mm ports

K7-5096 0.5mm ports



Sauter

Hydrodissection Cannula
vertically flattened tip
front opening, 27 gauge

K7-5082



Irrigating Cannula

dual side ports
22 gauge, oval

K7-5097 0.4mm ports

Cannulas



Bracken

Irrigating Cannula
smooth beveled tip
front opening, 19 gauge
K7-5100

Banaji

LASIK Cannula
bullet shaped tip
6 ports for multi-directional
irrigation
25 gauge
K7-5112 smooth
K7-5113 textured

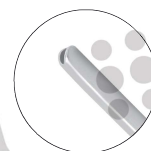


Spatulated

LASIK Cannula
flattened spatulated tip
end opening
26 gauge
K7-5106

Brierley

LASIK Cannula
closed spatulated tip
6 ports for multi-directional
irrigation
25 gauge
K7-5115



Fukasaku

LASIK Cannula
low profile tip, end opening
23 gauge
K7-5108

Carter

LASIK Cannula
flattened tip, end opening
25 gauge
K7-5116

Cannulas



Buratto

LASIK Cannula
slightly flattened
one front and two side ports

K7-5117 25 gauge

K7-5118 23 gauge



Labor

A/C Cannula
textured tip at 0.5mm
26 gauge

*Lightly textured tip can be used
for positioning an IOL without
damaging the optic.*

K7-5155



McIntyre

Anterior Chamber Cannula
smooth blunt tip, front opening

K7-5120 23 gauge, straight

K7-5130 23 gauge, angled

K7-5140 26 gauge, straight

K7-5150 26 gauge, angled

K7-5160 30 gauge, straight

K7-5170 30 gauge, angled



Gimbel

Cortex Aspirating Cannula
end opening
30 gauge

K7-5174



Gimbel

LASIK Polishing Cannula
flattened textured tip
end opening, 30 gauge
*For dislodging and irrigating
particles from the corneal
interface.*

K7-5176

Cannulas

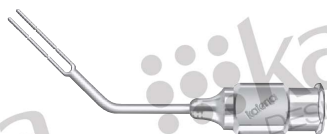


Vidauri

LASIK Cannula
double-armed
8 irrigating ports
25 gauge

K7-5180 vertical

K7-5181 horizontal



Simcoe

Cortex Extractor
0.4mm side port
21mm long

K7-5232 23 gauge thin wall

K7-5234 21 gauge



Simcoe

Cortex Extractor
0.3mm side port
13mm long, 23 gauge

K7-5220 smooth tip

K7-5221 textured tip



De La O

Aspirating Cannula
0.3mm side port
angled at 12mm
25 gauge thin wall

K7-5236

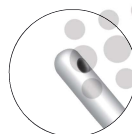


Simcoe

Cortex Extractor
0.3mm side port
21mm long, 23 gauge

K7-5230 smooth tip

K7-5231 textured tip



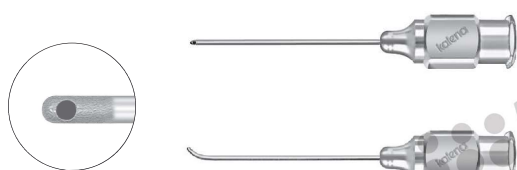
Simcoe

Aspiration Cannula
0.3mm side port
21mm long, 22 gauge
oval

K7-5237 smooth tip

K7-5238 textured tip

Cannulas



Anis

Cortex Aspirating Cannula
0.4mm side port
finely textured tip
23 gauge thin wall
K7-5240 straight
K7-5241 angled



Morrison

Aspirating Cannula
smooth blunt tip
angled at 7mm
end opening
23 gauge
K7-5393



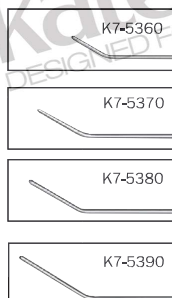
Dahan

Cortex Aspirating Cannula
0.4mm side port
finely textured tip
22 gauge thin wall
K7-5242



Wilbrandt-Binkhorst

Cannula, "U" shape
smooth blunt tip
end opening, 23 gauge
K7-5430 straight
K7-5431 angled left
K7-5432 angled right



Gills

Aspirating Cannula
smooth blunt tip
end opening
angled, 25 gauge
K7-5360 5mm tip
K7-5370 7mm tip
K7-5380 8mm tip
K7-5390 10mm tip



McIntyre-Binkhorst

Cannula, "J" shape
smooth blunt tip
end opening, 26 gauge
K7-5440 angled right
K7-5445 straight
K7-5450 angled left

Cannulas



Hamill
Irrigating Cannula
double bend with 1mm tip
30 gauge
K7-5452



Feaster
Hydrodissection Cannula
wedge shaped tip
dual side ports
25 gauge
K7-5460



Gimbel
Hydrodissection Cannula
smooth blunt tip
end opening
30 gauge
K7-5455



Fukasaku
HydroChop Cannula
vertically flattened tip with
dual 0.2mm side ports
23 gauge
For efficient micro incision
nucleus division.
K7-5462



Gimbel
Irrigating Cannula
blunt tip, angled to side
end opening
26 gauge
K7-5458



Chang
Hydrodissection Cannula
flat tip angled 90°
with beveled opening
27 gauge
K7-5464 standard tip
K7-5466 long tip



Cannulas



Knolle-Pearce

Irrigating Vectis
fluid flow through
three front opening ports
23 gauge loop
K7-5500

Simcoe

Irrigating Lens Nucleus Loop
two front opening ports
finely serrated, strong curve
25 gauge
K7-5530 right
K7-5531 left



Drews

Irrigating Vectis
fluid flow through
one front and two backward
opening ports
23 gauge loop
K7-5510



Alfonso-McIntyre

Irrigating Nucleus Spoon
single 0.3mm
front opening port
K7-5532 2.5mm wide
K7-5533 4.0mm wide



Sheets

Irrigating Vectis
fluid flow through
three front opening ports
serrated, 20 gauge loop
K7-5520



Heslin

Infusion Cannula
textured tip
K7-6700 25 gauge
K7-6710 23 gauge

Cannulas

Infusion Cannula

22 gauge with self-retaining tip
K7-6711



Brierley

Chamber Maintainer
20 gauge tapered oval tip with self retaining fins titanium
K7-6715



Drof

Infusion Cannula
18 gauge with a 22 gauge, 3mm long tip
K7-6725



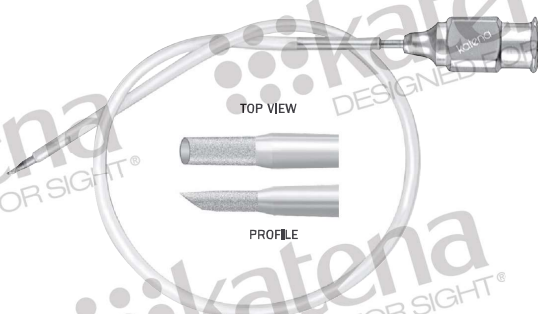
Lewicky

Chamber Maintainer
threaded tip
20 gauge
K7-6713



Dahan-Blumenthal

Anterior Chamber Maintainer
20 gauge, tapered oval tip
Finely textured tip for retention in incision.
K7-6717



Infusion Handles

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

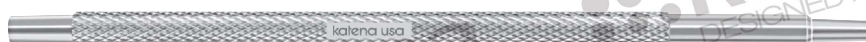


Katena

Infusion Handle
male/tubing connectors

K7-6800 11.5cm long

K7-6801 7.5cm long



Katena

Infusion Handle

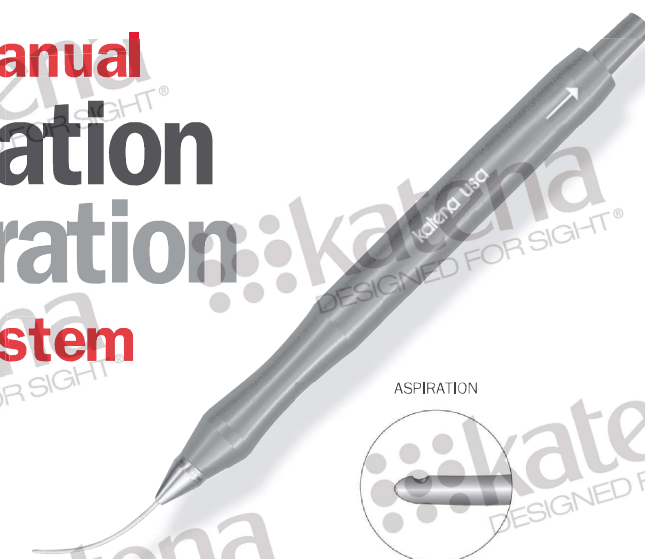
K7-6805 male/male connectors

K7-6806 male/female connectors



Bimanual I/A

Bimanual Irrigation Aspiration System



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

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 irrigation 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