



INSTRUMENTS
BIOLOGICS
DEVICES



Speculums

Barraquer

Wire Speculum

K1-5000 standard wire, 10mm blades

K1-5008 extra heavy wire, 15mm blades

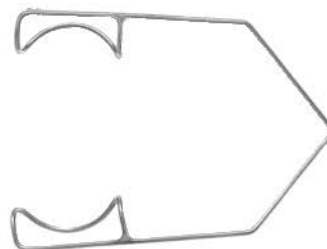
K1-5009 heavy wire, 15mm blades

K1-5010 standard wire, 15mm blades

K1-5355 infant size, 9mm blades



K1-5355



K1-5010

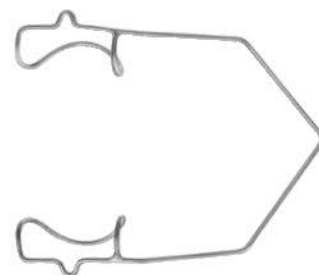
Grandon-Barraquer

Wire Speculum

with suture notches

Used to obtain additional traction for the upper eyelid.

K1-5011 15mm blades



Temporal Approach

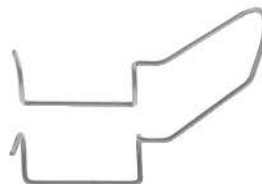
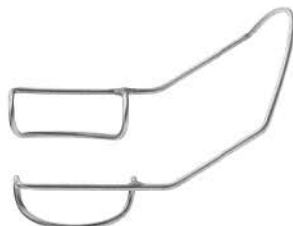
Wire Speculum

with spring on nasal side

K1-5012 15mm closed blades

K1-5015 15mm open blades

K1-5014 15mm solid blades



Speculums

Solid Blade

Wire Speculum

K1-5020 Barraquer, 10mm blades

K1-5030 Barraquer, 15mm blades

K1-5032 Feaster, 20mm blades (not shown)



K1-5020



K1-5030

Kratz-Barraquer

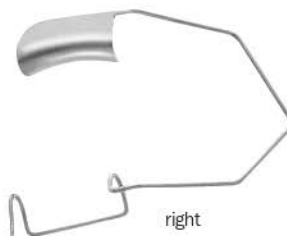
Wire Speculum

15mm blades

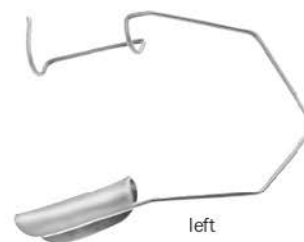
one solid and one open wire

K1-5044 for right eye

K1-5045 for left eye



right



left

Kratz-Barraquer

Wire Speculum

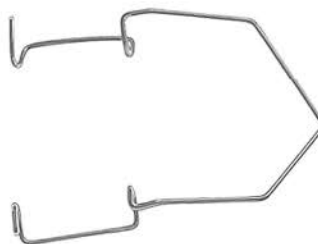
with open blades

For unobstructed access to the cataract incision with phaco or I/A tip.

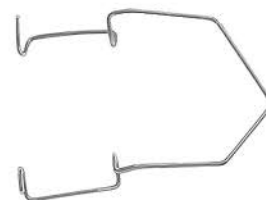
K1-5049 heavy wire, 15mm blades (not shown)

K1-5050 standard wire, 15mm blades

K1-5051 standard wire, 13mm blades



K1-5050



K1-5051

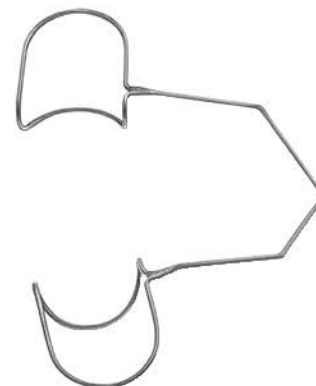
Speculums

Kratz-Barraquer

Wire Speculum
with wings

*For retracting the lids
up and away from the globe
to eliminate external pressure.*

K1-5060 15mm blades



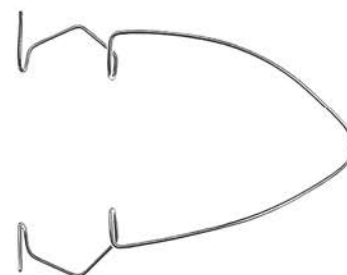
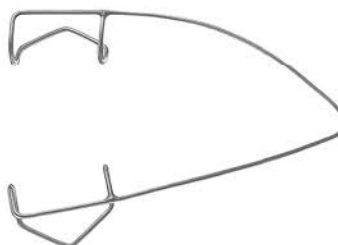
McIntyre

Wire Speculum
gently curved springs

*V-shaped blades are designed to
retain surgical drape under the eyelids.*

K1-5070 closed wire, 13mm blades

K1-5071 open wire, 13mm blades

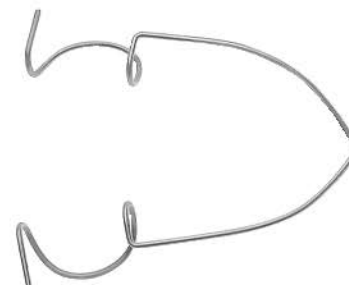


Nevyas

Wire Speculum

*Designed to retain surgical drape under the
eyelids while allowing unobstructed access to the
cataract incision with phaco or I/A tip.*

K1-5073 16mm blades



Speculums

Lieberman Style, aspirating

adjustable mechanism

Features aspirating ports to remove excess fluid from the surgical field.

Supplied with silicone tubing and luer-lock adaptor.

K1-5171 Lieberman, Kratz style, 15mm blades

K1-5173 Thorlakson, rounded, 11mm blades

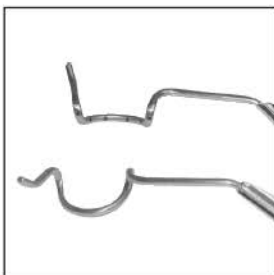
K1-5175 Lieberman, V-shaped, 15mm blades

K1-5180 Chu, solid, reversible, 15mm blades

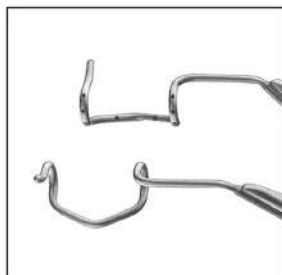
K1-5179 replacement silicone tubing, 100cm (39")



K1-5171



K1-5173



K1-5175



K1-5180

Double-X

Aspirating Speculum
adjustable, Kratz style
15mm blades

K1-5191



Speculums

Sauer

Lid Speculum

K1-5300 for infants, 11mm blades

K1-5302 for premature infants, 2mm blades



Frankel

Infant Lid Speculum

adjustable

*For precise control of
infant eyelid retraction.*

K1-5310 10mm blades



Infant

Wire Speculum

interlacing 3mm & 5mm blades

For use with newborns or infants.

K1-5330



Alphonso

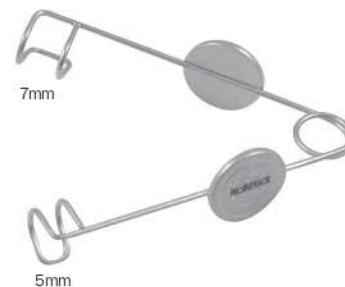
Infant Lid Speculum

finger grips and interlacing blades

to facilitate insertion

one blade 5mm, one blade 7mm

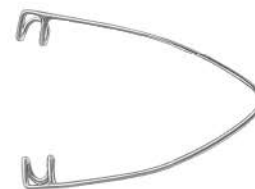
K1-5340



Speculums

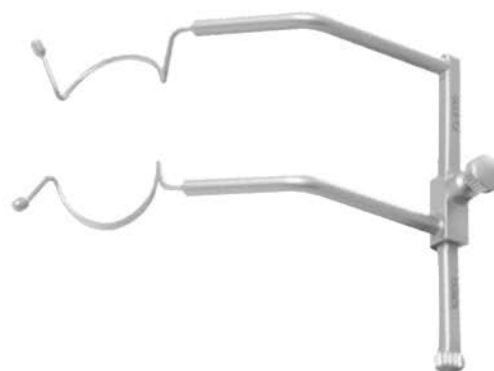
Infant

Lid Speculum
closed wire blades
gently curved spring
K1-5350 4mm blades



Femto

Lid Speculum
flat 15mm wire blades
with locking screw
K1-5390



Cook

Eye Speculum
with locking screw
K1-5401 #1, 8mm blades
K1-5402 #2, 11mm blades
K1-5403 #3, 15mm blades (not shown)



Speculums

Murdoch

Eye Speculum
with locking screw

K1-5406 #2, 12mm blades

K1-5407 #3, 15mm blades



Mellinger

Eye Speculum
self retaining

*For unobstructed access to the
cataract incision with phaco or I/A tip.*

K1-5411 15mm blades



Speculums

Williams

Eye Speculum
with locking screw

K1-5500 11mm blades

K1-5510 15mm blades

**Lancaster**

Eye Speculum
adjustable mechanism
with locking nut

K1-5600 16mm blades

**Lester-Burch**

Eye Speculum
with flanges on blades for
retaining eye lashes
adjustable mechanism
with locking screw

K1-5620



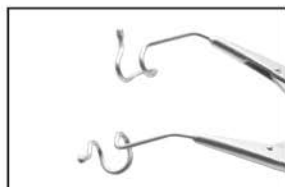
Lieberman Speculums

- K1-5660** Lieberman, infant K-wire, 5mm
- K1-5665** Lieberman, infant solid blade, 5mm
- K1-5668** Tanna-Lieberman, 15mm blades with traction suture anchor posts
- K1-5670** Lieberman, K-wire, 10mm blades, small
- K1-5671** Lieberman, K-wire, 15mm blades, standard
- K1-5672** Seltzer, flattened K-wire, 15mm blades
- K1-5673** Thorlakson, rounded, 11mm blades
- K1-5674** Lieberman, triple post, 13mm blades
- K1-5675** Lieberman, V-shaped, 15mm blades
- K1-5677** Lieberman, solid blades, 10mm blades (*not shown*)
- K1-5678** Lieberman, solid blades, 15mm blades
- K1-5679** Ginsberg, flared upper blades, fenestrated lower blades, 15mm blades



K1-5671

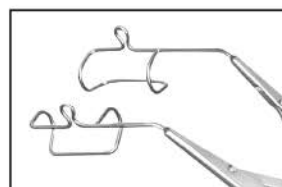
Aspirating versions available, see page 4.



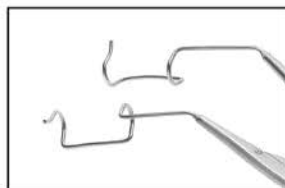
K1-5660



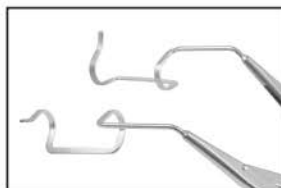
K1-5665



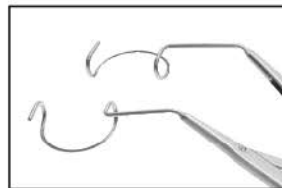
K1-5668



K1-5670



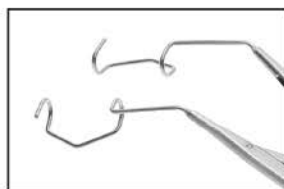
K1-5671



K1-5672



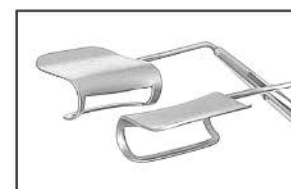
K1-5674



K1-5675



K1-5678



K1-5679

Speculums

Reversible

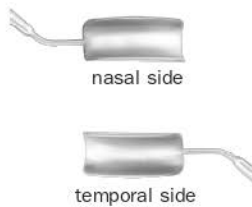
Eye Speculum

adjustable mechanism

non-reflective finish

Designed for nasal or temporal placement.

K1-5680 15mm blades



Lieberman

Temporal Approach Speculum

Kratz style open wire blades

adjustable mechanism on nasal side

K1-5681 15mm blades



Lieberman

Temporal Approach Speculum

V-wire blades

adjustable mechanism on nasal side

K1-5685 15mm blades

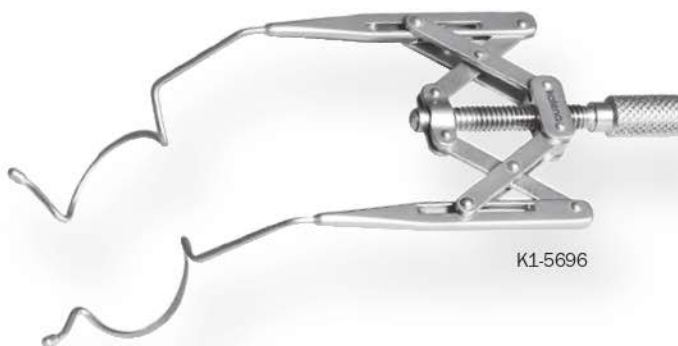


Double-X Speculums

- K1-5690** K-wire, flattened 10mm (not shown)
- K1-5691** K-wire, flattened 15mm
- K1-5695** V-wire, flattened 15mm
- K1-5696** Chu, flattened 17mm
- K1-5697** Chu, flattened 13mm
- K1-5698** Solid blades 15mm

Aspirating version available, see page 4.

patent pending



K1-5691 K-wire, 15mm



K1-5695 V-wire, 15mm



K1-5696 Chu, 17mm



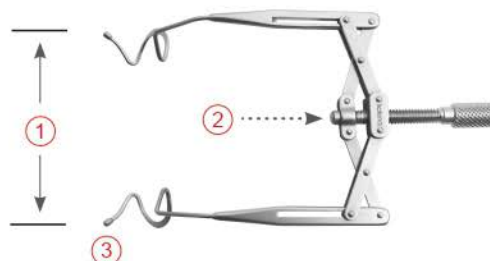
K1-5697 Chu, 13mm



K1-5698 Solid blades

Key Features:

- ① Unique "Double-X" mechanism retracts blades in a parallel motion for even tension along the lid.
- ② As the lids are retracted the mechanism moves out of the way for unobstructed access.
- ③ Ball tips eliminate discomfort for patients with excess lid tissue.



Speculums

Castroviejo

Eye Speculum

adjustable mechanism

K1-5701 14mm blades

K1-5702 16mm blades



K1-5701

Fishkind

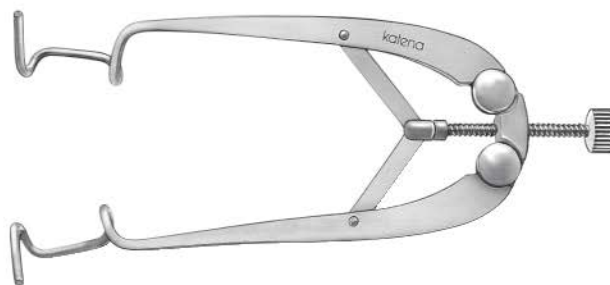
Eye Speculum

open blades

adjustable mechanism

For use with phaco or I/A tip.

K1-5711 15mm blades



Maumenee-Park

Eye Speculum

with canthus hook

blade locking screws may be
positioned vertically or horizontally

K1-5800 15mm solid blades

K1-5810 15mm fenestrated blades
(not shown)



Speculums

Smirmaul

Eye Speculum
individually adjustable
blades for elevating eyelids
Ideal for glaucoma surgery.

K1-5950 15mm solid blades

K1-5951 15mm wire blades
(not shown)



Schott

Eye Speculum
with rotatable adjustment for
precise control of blade elevation
Ideal for glaucoma surgery.

K1-5955 16mm wire blades



Fixation Rings

Flieringa

Scleral Fixation Ring

K1-7100 set of eight, 15mm-22mm

K1-7140 14mm diameter

K1-7150 15mm diameter

K1-7160 16mm diameter

K1-7170 17mm diameter

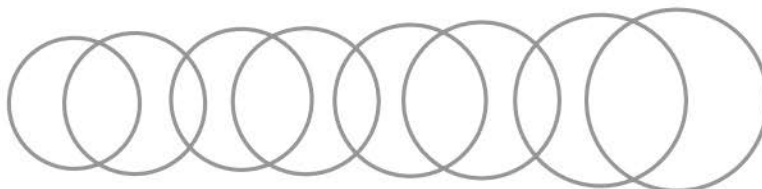
K1-7180 18mm diameter

K1-7190 19mm diameter

K1-7200 20mm diameter

K1-7210 21mm diameter

K1-7220 22mm diameter



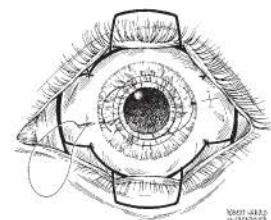
McNeill-Goldman

Scleral Fixation Ring
and Blepharostat

K1-7311 small, 15mm I.D.

K1-7312 medium, 16mm I.D.

K1-7313 large, 17mm I.D.



Depressors

Gass

Scleral Marker
1.5mm diameter marking tip

K1-7790



Schepens

Scleral Depressor
7mm wide tip

K1-7800 small thimble

K1-7810 medium thimble

K1-7820 large thimble



Schocket

Scleral Depressor
double-end with
pocket clip

K1-7825



Retractors

Schepens

Orbital Retractor

K1-7880



Jaffe

Wire Lid Retractor

may be clamped to surgical drape with suture or elastic band

K1-8000 pair, 15mm blades

K1-8001 pair, 9mm blades (not shown)



Desmarres

Lid Retractor

thin solid blades

K1-8200 size 0, 11mm wide

K1-8210 size 1, 13mm wide

K1-8220 size 2, 15mm wide

K1-8230 size 3, 17mm wide



0



2



1



3

Retractors

Scleral Shield

stainless steel

non-reflective exterior surface

To protect the eye during blepharoplasty and skin resurfacing procedures.

K1-8480 1 small, 1 large (set)

K1-8481 20 x 28mm, small (pair)

K1-8482 22 x 30mm, large (pair)



Jaeger

Lid Plate

clear plastic

K1-8500



Jaeger

Lid Plate

stainless steel

K1-8520



Wright

Fascia Needle

1mm x 6mm oval hole

140mm long

K1-8540



Retractors

Knapp

Lacrimal Retractor
4 prongs

K1-9000 blunt

K1-9001 sharp



Walton

Conjunctiva Retractor
6mm wide
thin solid blade

K1-9008



Helveston

Tissue Retractor
thin curved blade

K1-9010 "Barbie" 7mm wide

K1-9012 "Big Barbie" 9mm wide

K1-9019 "Great Big Barbie" 11mm wide concave blade



K1-9010



K1-9019

Retractors

Stevenson

Lacrimal Sac Retractor
3 x 3 blunt prongs, adjustable
K1-9500



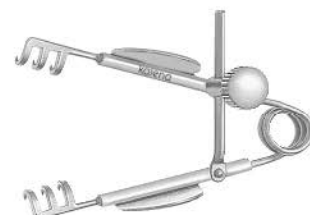
Stevenson

Lacrimal Sac Retractor
solid blades with serrated edge
adjustable
K1-9520 13mm blades



Agricola

Lacrimal Sac Retractor
3 x 3 sharp prongs
K1-9550



Curettes

Meyerhoefer

Chalazion Curette

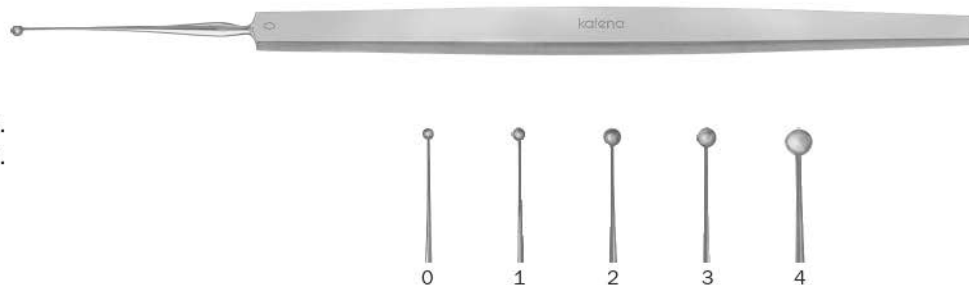
K3-1000 size 0, 1.5mm dia.

K3-1010 size 1, 1.75mm dia.

K3-1020 size 2, 2.25mm dia.

K3-1030 size 3, 2.5mm dia.

K3-1040 size 4, 3.5mm dia.



Capsule

Polishing Curette

1.75mm diameter open ring

K3-1100 **Nightingale**, semi-sharp, posterior edge

K3-1102 **Shepherd**, semi-sharp anterior and posterior edges



Scorsetti-Shepherd

Capsule Polisher

1.75mm diameter open ring

tip angled 90°

semi-sharp

anterior and posterior edges

K3-1105



Anis

Capsule Scrubber

flexible wire

textured disc

K3-1111



LASIK Flap Protectors

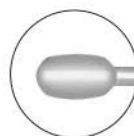
Blumenthal

Conjunctiva Dissector
with blunt disc shaped tip

K3-1124



TOP VIEW



SIDE VIEW



Buratto

LASIK Flap Protector
For retracting and
protecting nasally hinged
corneal flaps.

K3-1770



Mannis-Buratto

LASIK Flap Protector
blades angled 45°
For retracting and protecting
superiorly hinged corneal flaps.

K3-1773



LASEK Well

Rowen

Combination LASIK Flap
Protector and Spatula

K3-1774



Camellin Style

LASEK Alcohol Well
*For retaining alcohol solution
on the corneal epithelium.*

K3-1820 8.5mm diameter

K3-1822 9.5mm diameter



BOTTOM VIEW



Endothelial Stripper

1mm wide, thin beveled tip

K3-1830 smooth surface

K3-1835 Rosenwasser
with textured surface



K3-1830



K3-1835



LASEK Spatulas

Sloane

LASEK Micro Hoe
semi-circular tip with
beveled edge
*For lifting the precut margin
of the epithelial flap.*

K3-1840



Sloane

LASEK Epi Peeler
semi-sharp edges
*For peeling and folding back
the epithelial flap.*

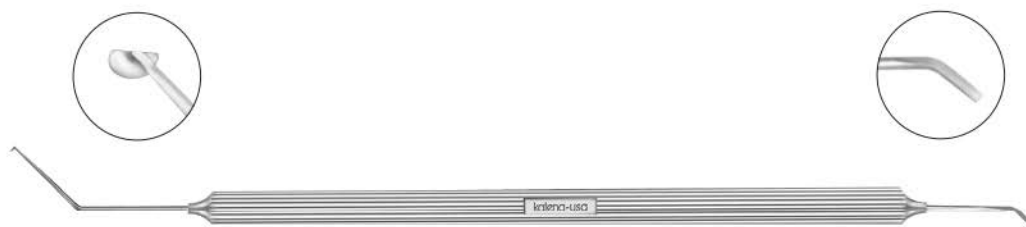
K3-1845



Sloane

LASEK Micro Hoe &
Epi Peeler

K3-1848



Sloane

LASEK Flap Repositor
gently curved spatulated tip
with beveled smooth edges
*For repositing and smoothing
the epithelial flap after laser
ablation.*

K3-1855



Spatulas

DALK

Corneal Dissector

K3-1870 12mm long, flattened, vaulted spatula with beveled tip

K3-1875 Rosenwasser DALK Trisector with triangular shaft and spatulated tip

K3-1877 Bonfadini DALK Spatula 1mm wide, 8mm long, flattened spatula with central groove for bisecting stroma



K3-1870



K3-1875



K3-1877



Rootman-Goldich

DMEK Dissector

semi-circular tip with beveled edge

For atraumatic donor preparation during DMEK procedures.

K3-1880



Culler

Iris Spatula

K3-2100 1mm wide

K3-2110 2mm wide



Spatulas • Choppers

Wheeler

Double-End Spatula
lightly curved

K3-2120



Barraquer

Iris Spatula
round, smooth

K3-2300 0.5mm diameter

K3-2310 0.25mm diameter



Katena

Iris Spatula
2mm wide x 8mm long
0.2mm thick

K3-2140



Gimbel

Nucleus Spatula
round, smooth
angled 30° at
10mm from the tip
0.25mm diameter

K3-2312



Alio-Scimitar

MICS Phaco Pre-chopper
curved with blunt tip and
sharp inferior edge
For bimanual nucleus pre-chopping.

K3-2324



Choppers

Phaco Chopper

ball tip
0.7mm inferior wedge
K3-2327



Nagahara

Phaco Chopper
rounded, blunt tip
0.9mm inferior wedge
K3-2329 (shown)
K3-2328 short handle, 100mm



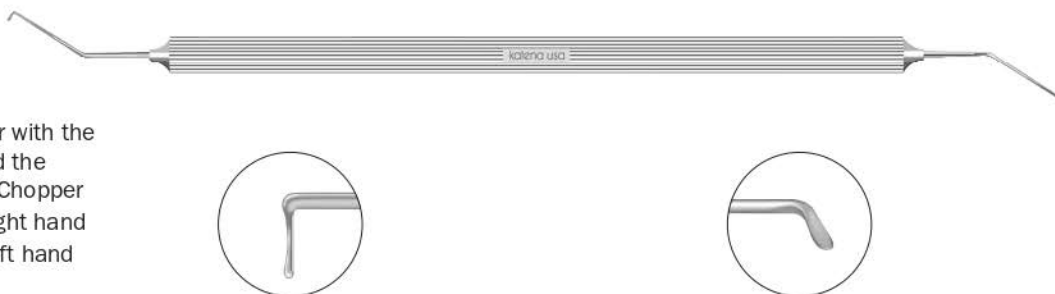
Anis

Phaco Chopper
rounded, blunt, olive tip
offset inferior wedge
K3-2332 for use in right hand
K3-2333 for use in left hand



Chang-Seibel

Phaco Chopper
a combination chopper with the
Chang MicroFinger and the
Seibel Vertical Safety Chopper
K3-2340 for use in right hand
K3-2341 for use in left hand



Spatulas • Nucleus Manipulators

Milder

Phaco Chopper
60° offset inferior wedge
for horizontal chopping and
a beveled distal tip for
vertical chopping

K3-2343 for use in left hand



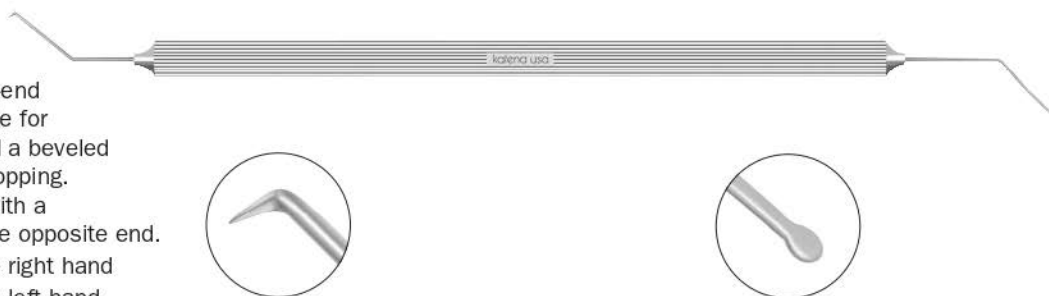
Milder

Phaco Chopper, double-end
60° offset inferior wedge for
horizontal chopping and a beveled
distal tip for vertical chopping.

A 12mm long spatula with a
disc-shaped tip is on the opposite end.

K3-2344 for use in the right hand

K3-2345 for use in the left hand



Escal

Nucleus Manipulator
flattened olive-shaped tip
angled at 45°

K3-2347



Knolle

Nucleus Spatula
malleable stainless steel, flat
0.5mm wide

K3-2350



Nucleus Manipulators



Koch-Nagahara

Karate Chopper

60° offset 1mm cutting wedge for horizontal chopping and pointed tip for vertical chopping. A gently curved duckbill shaped spatula is on the opposite end.

K3-2352 for use in right hand

K3-2353 for use in left hand



Koch

Nucleus Spatula

gently curved duckbill shaped tip

K3-2354 smooth

K3-2355 with notches



Akahoshi

Nucleus Sustainer

Designed to provide counterpressure when used with the Akahoshi PreChopper.

K3-2357

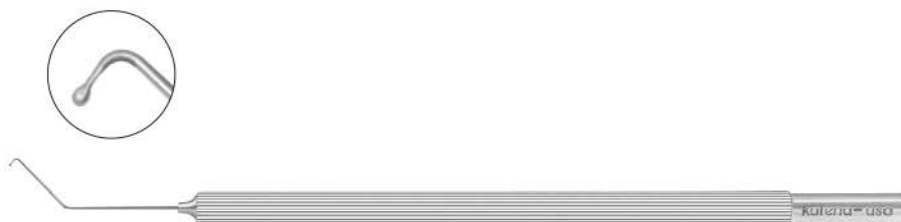


Nucleus Manipulators

Escaf

Nucleus Sustainer
smooth ball tip
textured inferior surface

K3-2359



Lieberman

MicroFinger
Nucleus Manipulator

K3-2360 for use in right hand

K3-2361 for use in left hand



Lieberman

MicroFinger and Spatula

K3-2362 for use in right hand

K3-2363 for use in left hand



Fukasaku-Lieberman

Phaco Spatula
a combination of the
small pupil snapper hook
and the MicroFinger

K3-2364 for use in right hand

K3-2365 for use in left hand



Nucleus Choppers

Masket

Phaco Spatula
a combination of the Rosen
Phaco Splitter and a 12mm
long round spatula with disc
shaped tip

K3-2367

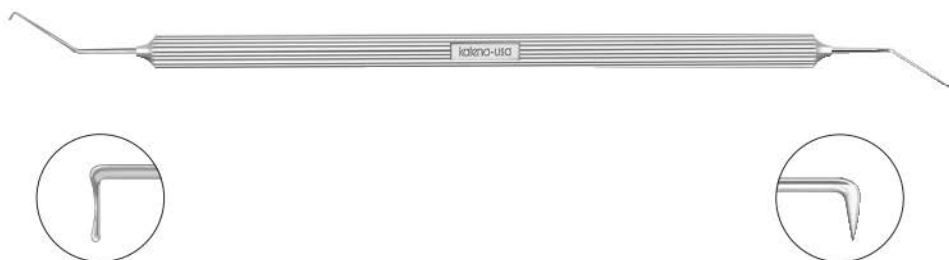


Chang

Phaco Chopper
a combination of a modified
MicroFinger and a 0.9mm long
“Quick Chop” tip

K3-2368 for use in right hand

K3-2369 for use in left hand



Minardi

Phaco Chopper
0.7mm long
“Quick Chop” tip

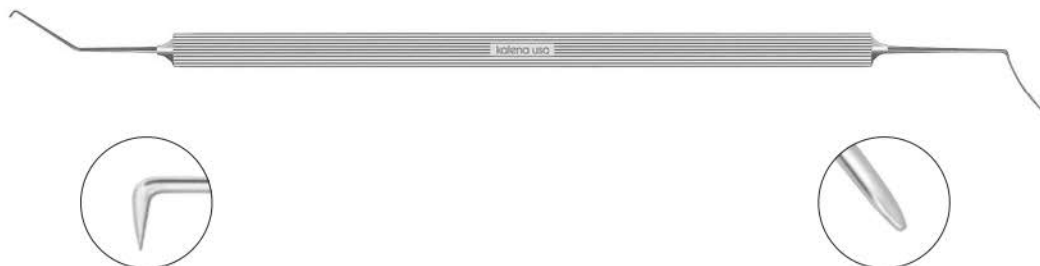
K3-2370



Hwang

Phaco Chopper
1mm long
vertical chopper
and a chisel
tipped spatula

K3-2374



Nucleus Choppers

Agarwal

Karate Phaco Chopper
semi-sharp, wedge shaped
inferior edge with a
pointed tip

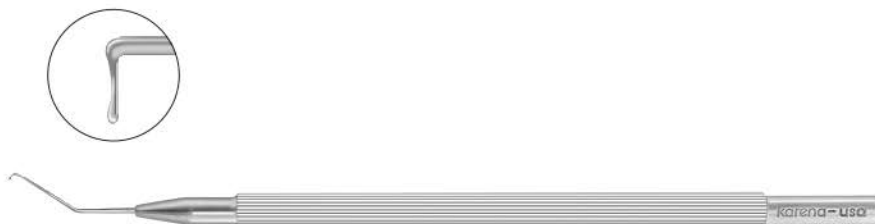
K3-2375



Chang

MicroFinger Chopper
curved finger shaped tip
*With defined inner edge
for horizontal chopping.*

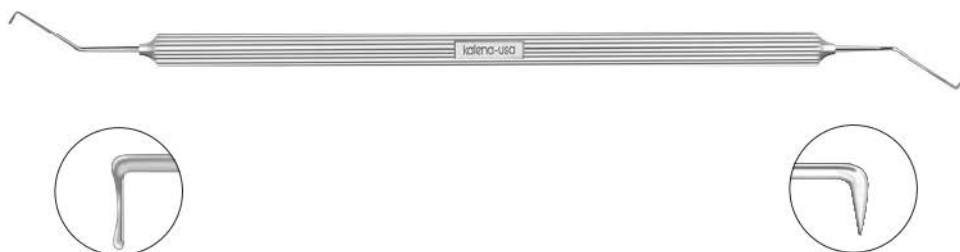
K3-2377



Warren

Canine Phaco Chopper
a combination of a 3.5mm
long MicroFinger and a 2mm
long pointed "Quick Chop" tip
For veterinary use only.

K3-2379



Brierley

Nucleus Splitter
1.0mm long tip, angled
with incision sealing shaft

K3-2380



Nucleus Choppers

Dodick-Kammann

Nucleus Chopper

For bimanual nucleus division.

K3-2382 1.5mm long tip,
straight

K3-2383 1.5mm long tip,
angled

K3-2384 2mm long tip,
straight

K3-2385 2mm long tip,
angled



Koch

Nucleus Chopper

1.6mm long with blunted tip

*With rounded surfaces designed
for safely splitting and dividing a
very soft nucleus.*

K3-2386



Escaf

Nucleus Divider

1.25mm long

wedge shaped tip

For vertical chopping.

K3-2387



Neuhann

Nucleus Divider

strongly curved spatulated tip

K3-2388



Nucleus Choppers • Manipulators

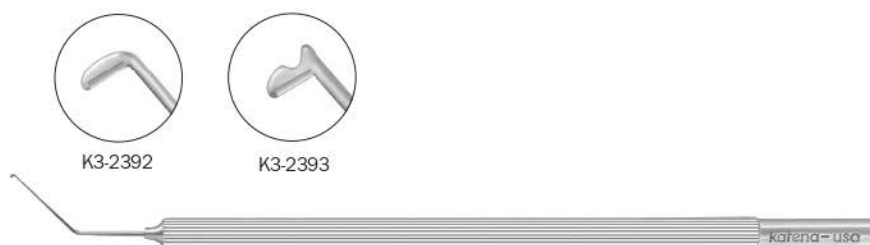
Nagahara

Nucleus Spatula
flat inferior edge
K3-2390



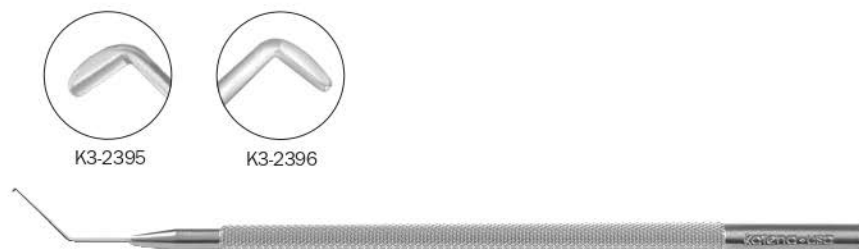
Fukasaku

wedge shaped inferior edge
K3-2392 Snapper Hook
K3-2393 Small Pupil
Snapper Hook with
notch to engage
the iris



Rosen

Phaco Splitter
wedge-shaped inferior edge
blunt tip
K3-2395 inline wedge, standard
K3-2396 60° offset wedge, for
use in left hand



Rowen

Phaco Spatula
a combination of the
Rosen Phaco Splitter
and the Bechert
Nucleus Rotator
K3-2398



Nucleus Manipulators

Bechert

Nucleus Rotator

blunt forked tip

K3-2400 angled at 7mm

K3-2410 angled at 9mm (not shown)

K3-2411 short handle



K3-2411



K3-2400

Clayman

Nucleus Rotator

0.5mm wide flat spatula

with V-notched tip

K3-2415



Grayson

Nucleus Manipulator

flattened, smoothly polished

1.1mm long

with "tear-drop" shaped tip

K3-2417



Drysdale

Nucleus Manipulator

paddle shaped tip

K3-2418 rounded edges

K3-2419 defined anterior edge
for capsule polishing



K3-2418



Spatulas

Pisacano

Nucleus Rotator
flat disc shaped tip
K3-2420 horizontal
K3-2421 vertical



horizontal



vertical



Siepser

Endocapsular Controller
trumpet shaped tip
K3-2425



Anis

Nucleus Manipulator
with 0.5mm diameter ball tip
K3-2426 straight
KT3-2426 straight, titanium
K3-2427 angled (shown)
KT3-2427 angled, titanium



Tennant

Nucleus Rotator
with 0.6mm diameter
ball shaped tip
K3-2428



Femto Spatulas

Lippman

Nucleus Spatula
0.5mm diameter round
shaft with blunt forked tip

K3-2430

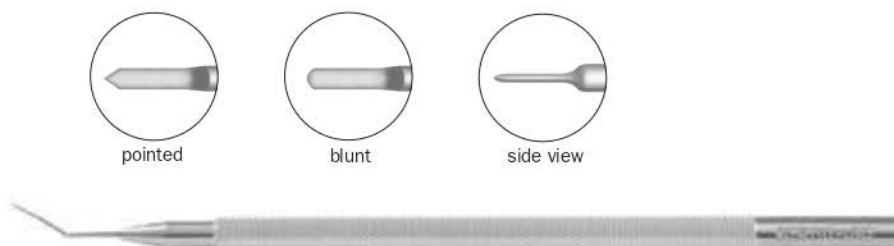


Donnenfeld

Femto Spatula
1mm long x 0.3mm wide
flattened tip

K3-2440 pointed

K3-2442 blunt



Donnenfeld

Femto Splitter
paracentral curve in shaft

K3-2450 right (shown)

K3-2451 left



Katena

Femto Spatula
double-ended with blunt tips
1mm long x 0.3mm wide
flattened spatula and
2mm wide keratome-shaped tip

K3-2460



Spatulas

Girard

Synechiaie Spatula
0.5mm wide with
semi-sharp tip

K3-2500



Obstbaum

Synechiaie Spatula
0.25mm wide with
semi-sharp tip

K3-2520



Benedetto

IntraLase® Spatula
10mm long, smoothly
polished flattened spatula
with beveled notches

K3-2522



Moran

LASIK Enhancement Spatula
Fukasaku spatula
and a modified Paton
spatula

K3-2524



LASIK Spatulas

Hersh

IntraLase® Flap Spatula
beveled tips
a combination of a
6mm spatula and
a 10mm spatula

K3-2526



Binder

IntraLase® Flap Elevator
1mm wide
12mm long
semi-sharp edges

K3-2528



Fukasaku

LASIK Spatula
rounded anterior and
flat posterior surface
with beveled tip
*For lifting and dissecting
the corneal flap.*

K3-2530



Guimaraes

LASIK Spatula
gently curved, bi-convex
semi-sharp edges

K3-2532



LASIK Spatulas

Katzen

LASIK Flap “Unzipper”
combines a modified
Sinskey Hook and
a bi-convex spatula with
beveled notches
For LASIK enhancements.

K3-2534



Maddox

LASIK Spatula
combines a flat spatula and
a cylindrical spatula
*For elevating and
repositing the flap.*

K3-2535



Thorlakson

Z-LASIK™ Flap Lifter
combines a modified
Sinskey Hook
and a bi-convex spatula
with beveled notches

K3-2536 long handle

K3-2537 short handle



LASIK Flap Lifter

Combines a 45° angled
Sinskey Hook
and a thin hook with
a conical tip

K3-2538



IOL Manipulators

SMILE Spatula

Combination instrument for opening the incision and dissecting the pocket during SMILE procedures.

K3-2542

(use K5-7550 for removing lenticule)



side view



top view



Hirschman

Lens Spatula
flat 0.5mm wide
with multiple notches

K3-2550



Jaffe

Lens Spatula
flat, 0.5mm wide

K3-2600



Labor

IOL Manipulator
short handle
For use with intra-operative
aberrometry systems.

K3-2675



IOL Manipulators

Lester

IOL Manipulator
0.25mm diameter tip
Ideal for multi-directional manipulation.

K3-2680 straight, with guard

K3-2690 angled



Lester

IOL Manipulator
0.25mm diameter tip
vaulted shank
For engaging the inferior haptic without touching the dome of the IOL.

K3-2691



Maloney

IOL Manipulator
0.25mm diameter tip
vaulted shank
with guard

K3-2692



Hunkeler

IOL Manipulator
with 0.3mm diameter
hemi-ball tip, vaulted shank

K3-2695



IOL Manipulators

Alio-Kelman

IOL Hook
0.2mm diameter tip
K3-2697



Aker

Lens Pusher
smooth, fish mouth
shaped tip
with guard
K3-2720



Bechert

Lens Pusher
vertical Y-shaped tip
angled
K3-2727

(for horizontal version see K3-2400)



Elschnig

Cyclodialysis Spatula
flat, 1mm wide
K3-3000



Cyclodialysis Spatulas

Castroviejo

Synechiaie Spatula

0.5mm wide with
semi-sharp tips

K3-3150

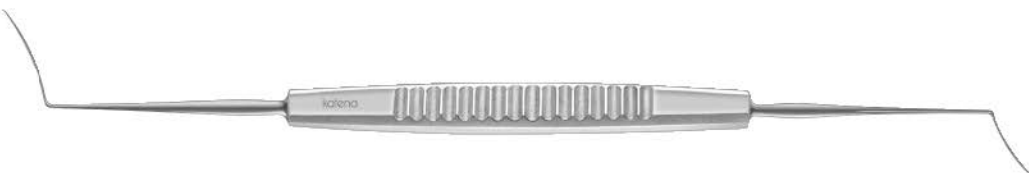


Castroviejo

Cyclodialysis Spatula

K3-3200 0.25mm wide

K3-3210 0.5mm wide



Labor

Cyclodialysis Spatula

slightly vaulted

0.5mm wide, angled 5mm

For use with *intra-operative
aberrometry systems.*

K3-3212



Kimura

Platinum Spatula

K3-3500



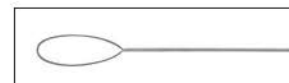
Lens Loops

Keener

Lens Divider
with three
preformed
snare wire loops

K3-3900 complete

K3-3910 wire loops (pk/3)



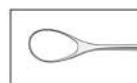
Lens Loop

K3-4000 Lewis, small

K3-4010 Lewis, large

K3-4030 New Orleans

K3-4100 Wilder, serrated



K3-4000



K3-4030



K3-4100



K3-4010

Kirby

Lens Loop and
Muscle Hook

K3-4105



Morrison

Lens Loop and Probe

K3-4120



Manual Nucleus Fragmentation

Lens Loop

serrated, 3mm wide

K3-4140 Kansas,
light curve

K3-4141 Keener-Arlt,
strong curve



Alfonso

Nucleus Trisector

1.5mm wide

(used with K3-4156

Alfonso Cutting Platform)

For manual small incision surgery.

K3-4145



Bucher-Kansas

Nucleus Trisector

2.5mm wide

(used with K3-4157

Alfonso Cutting Platform)

K3-4146



Kansas

Nucleus Trisector

4mm wide

(used with K3-4152

Kansas Vectis)

K3-4148



Manual Nucleus Fragmentation

Kansas

Nucleus Bisector

K3-4150



Kansas

Nucleus Vectis

Used as a cutting block for
nucleus bisector or trisector.

K3-4152



Alfonso

Cutting Platform

Used as a cutting block for
nucleus trisector.

For manual small incision surgery.

K3-4156 2mm wide (used with K3-4145)

K3-4157 3mm wide (used with K3-4146)



Culler

Lens Spoon

sterling silver

K3-4200



Spoons and Spatulas

Paton

Spatula & Spoon
For corneal button
transfer.

K3-4255



Rosenwasser

Lamella Donor Shovel
with retaining rim on 3 sides
For atraumatic insertion
of the donor lamella.

K3-4263 5mm wide



Endothelial Glide

funnel-shaped spatula
cut-out notch at tip
(used with K5-7550)

K3-4270

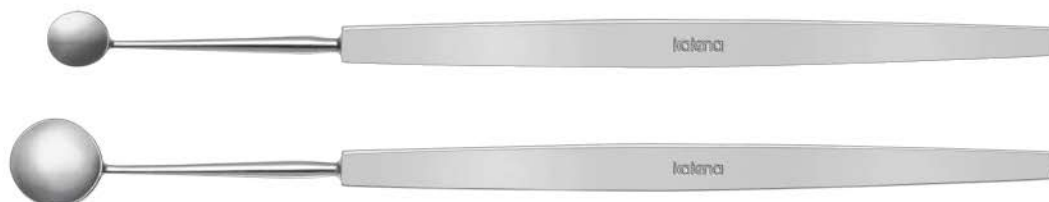


Bunge

Evisceration Spoon

K3-4400 small

K3-4410 large



Spoons and Iris Retractors

Wells

Enucleation
Spoon
K3-4450



Graether

Collar Button
micro iris retractor
K3-4900 straight, with guard
K3-4910 angled



Graether

Irrigating Collar Button
micro iris retractor and
posterior capsule polisher
K3-4920 straight
K3-4930 angled



Iris Retractors and Hooks

Keuch

Small Pupil Dilator
with guard
*For enlarging a small pupil
through the sideport and
primary incision.*

K3-4950



Iris Retractors

six 10mm long flexible hooks
in an autoclavable case
reusable
K3-4970

*(also available
sterile/disposable
K20-3890 & K20-3892)*



Reversed Sinskey Hook

0.2mm diameter blunt tip
*For scoring the recipient
endothelium and positioning the
donor lamella.*

K3-5002



Hooks

Bonn

Micro Iris Hook
extra delicate
blunt, round handle
with guard

K3-5050



Bonn

Micro Iris Hook
blunt, flat handle

K3-5060



Shepard

Iris Hook
blunt

K3-5110



Lens Manipulating Hook

0.15mm diameter blunt tip

K3-5160 Jaffe, straight

K3-5170 Clayman-Jaffe, angled



IOL Manipulators

Sinskey

Lens Manipulating Hook
0.25mm diameter blunt tip
straight

K3-5180



Harris-Sinskey

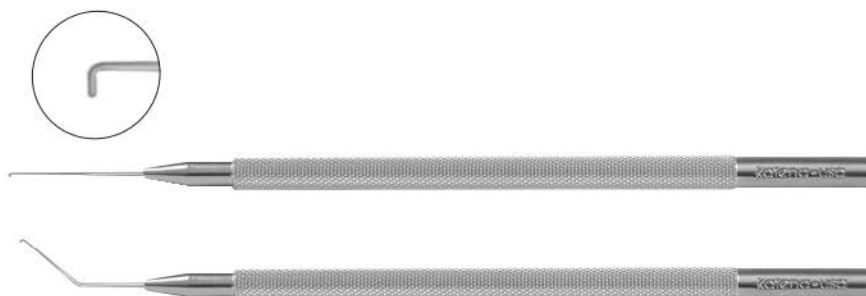
Lens Manipulating Hook
0.25mm diameter blunt tip
angled

K3-5190



Sinskey

Lens Manipulating Hook
round handle
0.25mm diameter blunt tip
K3-5192 straight, with guard
K3-5193 angled



Nevyas

Soft IOL Manipulator
0.25mm diameter
textured tip
straight, with guard
K3-5194



IOL Manipulators

Sinskey II

Lens Manipulating Hook
0.2mm diameter blunt tip

K3-5220 straight

K3-5230 angled



Sinskey II

Lens Manipulating Hook
0.2mm diameter blunt tip
round handle

K3-5232 straight, with guard

K3-5233 angled



Lewicky

Lens Manipulating Hook
0.15mm diameter blunt tip
angled, vaulted shank

K3-5250



Hirschman

Iris Hook
blunt, angled

K3-5400



IOL Manipulators and Iris Hooks

Kuglen Iris Hook & Lens Manipulator

K3-5500 Push-pull model,
flat handle, straight

K3-5520 Push-pull model,
flat handle, angled

K3-5510 Clover leaf model,
flat handle, straight

K3-5522 Push-pull model,
round handle,
straight w/guard

K3-5523 Push-pull model,
round handle, angled



K3-5500
K3-5520



K3-5510



K3-5522
K3-5523



Lens Manipulator

straight, with guard

K3-5526 Rentsch, "Boat Hook"

K3-5528 Osher, Y-hook



K3-5526



K3-5528



Lens Manipulating Hook

0.15mm diameter tip

K3-5530 Fenzl, round handle
straight with guard

K3-5531 Fenzl, round handle,
angled

K3-5532 Maltzman-Fenzl,
round handle,
straight with guard

K3-5533 Maltzman-Fenzl,
round handle,
angled

K3-5535 Jaffe-Maltzman,
flat handle, angled



K3-5530
K3-5531



K3-5532
K3-5533



K3-5535



ICL Manipulators

Clasen

ICL™ Manipulator
with textured hemi-ball tip
K3-5564



Deitz

ICL™ Manipulator
blunt forked tip
K3-5566



Ichikawa

ICL™ Manipulator
delicate ring tips
with micro texturing
on posterior surfaces
K3-5568

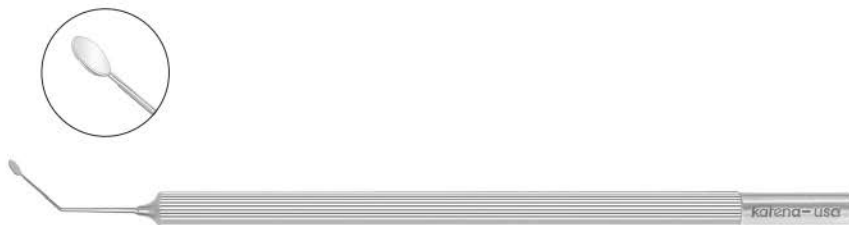


Fixation Hooks

B. H. Kim

Intraocular Mirror
highly reflective 2.5mm disc
angled at 10mm
For intraocular visual
inspection.

K3-5580



Fixation Hook

double, sharp

K3-6000 small

K3-6010 large



Twist Hook

for scleral fixation

K3-6100 right

K3-6110 left



Silverman

Fixation Pick
blunt cone shaped tips
spaced 3mm apart
For atraumatic scleral fixation.

K3-6130



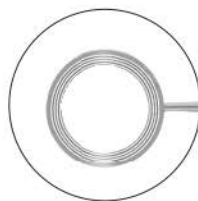
Fixation Rings

Katena

Globe Fixation Ring
with concentric grooves
12mm I.D.

K3-6153 for refractive procedures

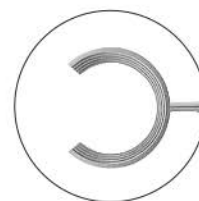
K3-6154 for cataract procedures



K3-6153
bottom



K3-6154
top



K3-6154
bottom



K3-6153

Lu-Mendez

LRI Guide and Fixation Ring
marked in 10° increments
with delicate blunt teeth
11mm I.D.

K3-6158



Gimbel

Stabilization Ring
with swivel handle
13mm diameter with blunt teeth
on both sides
*For stabilizing either the right or
left eye during LASIK.*

K3-6160



Fixation Rings

Fine-Thornton

Swivel Fixation Ring
conical teeth

Features marks on anterior surface in 15° increments as a guide for placement of limbal relaxing incisions.

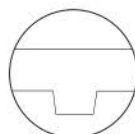
K3-6161 13mm diameter

K3-6163 16mm diameter

K3-6171 13mm diameter
short handle



conical teeth



flattened teeth

Fine-Thornton

Swivel Fixation Ring
flattened teeth

K3-6162 13mm diameter



Thornton

Globe Fixation Ring
multiple blunt teeth
16mm diameter ring

K3-6165



Muscle Hooks

Hofmann-Thornton

Globe Fixation Ring
with swivel handle
16mm diameter ring
multiple blunt teeth

K3-6168



Stevens

Tenotomy Hook
blunt, small

K3-6600



Helveston

"Teaser" Hook
extra delicate, blunt

K3-6610



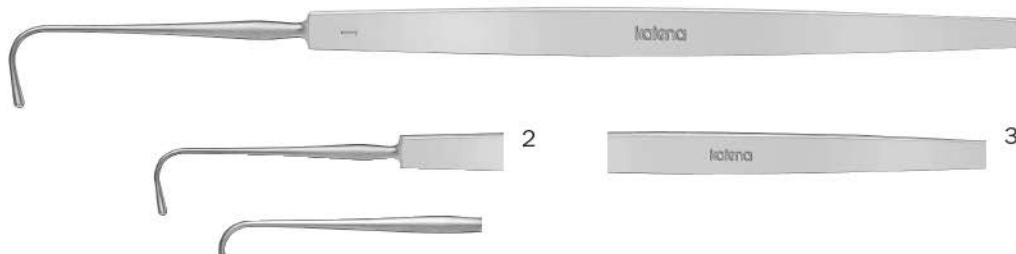
Graefe

Muscle Hook

K3-6710 size 1

K3-6720 size 2

K3-6730 size 3



Muscle Hooks

Gass

Retinal Detachment Hook
with oval hole

K3-6740



Helveston

Finder Hook
extra delicate with lightly
angled cone shaped tip

K3-6760 large

K3-6761 small



Helveston

Muscle Hook
extra delicate, with blunt
spatulated tip

K3-6778 8mm

K3-6780 10mm

K3-6782 12mm



Muscle Hooks

Jameson

Muscle Hook

K3-6800 small

K3-6810 large (shown)



Du Plessis

Muscle Hook

double arm

K3-6814



Guyton

Small Incision

Muscle Hook

K3-6820



Rychwalski

Double-Groove Muscle Hook

For use on tight

rectus muscles.

K3-6830



Green

Muscle Hook

K3-6850



Corneal Markers

Bishop

Muscle Hook
with rotatable
protective plate
For use on tight
rectus muscles.

K3-6854



Corneal Marker

for LASIK surgery
For identification and
realignment of
the lamellar flap.

K3-7720 Mendez

K3-7730 Chayet

K3-7737 Dulaney



Kellen

Capsulorrhexis Marker
central ring with non-marking
posts for alignment with limbus

K3-7850 6mm diameter marking ring
(for 5.5mm CCC)

K3-7852 5.5mm diameter marking
ring (for 5.0mm CCC)



Corneal Markers

Maloney

Intra-Operative Keratometer
titanium

*For qualitative measurement
of astigmatism.*

K3-7888



Mendez

Degree Gauge
12mm I.D.
marked in 10° increments
titanium

*For accurate axial
alignment on the cornea.*

K3-7900



Bores

Axis Marker
(used with K3-7900 Mendez
degree gauge)

K3-7910



Lindstrom

Arcuate Incision Marker
(used with K3-7900 Mendez
degree gauge)

K3-7996 7mm optic zone



MARKING PATTERN



Corneal Markers

Henderson

Degree Gauge

11.7mm I.D.

Beveled face with markings

in 5° increments

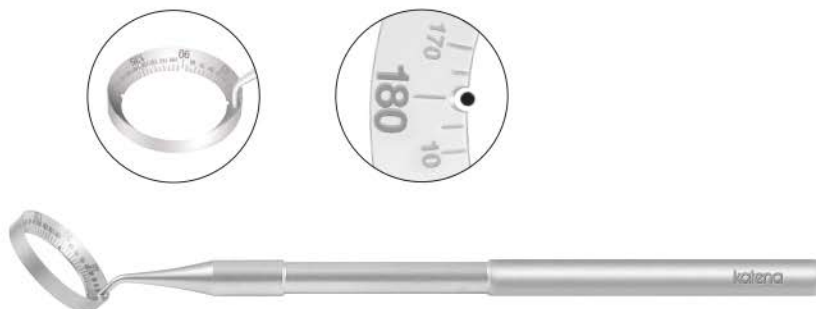
4 notches on internal edge

to align with cardinal positions

titanium

K3-7904

K3-7905 with blunt teeth
for fixation



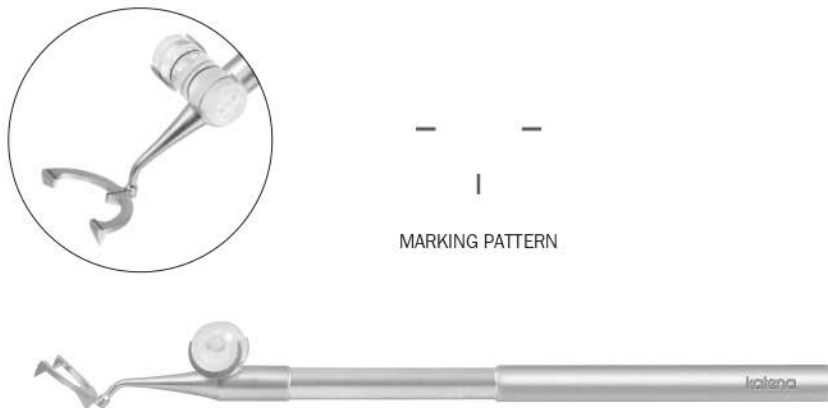
Bubble

Alignment Marker

with bubble level

*For determining and marking
the horizontal axis.*

K3-7906



Henderson

Alignment Marker

with atraumatic

disc-shaped marking

surfaces at 3, 6 & 9 o'clock

titanium

(used with K3-7904

or K3-7905)

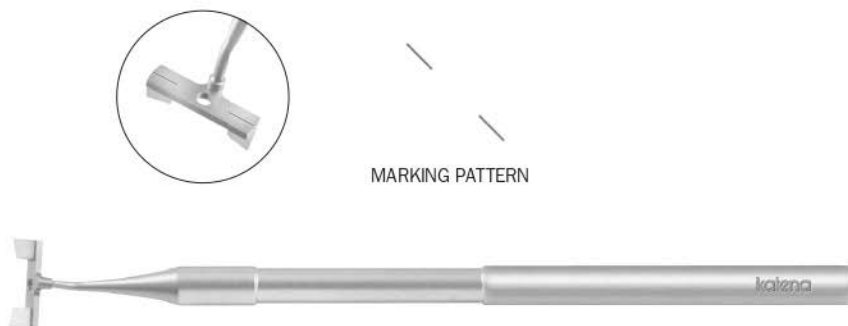
K3-7908



Corneal Markers

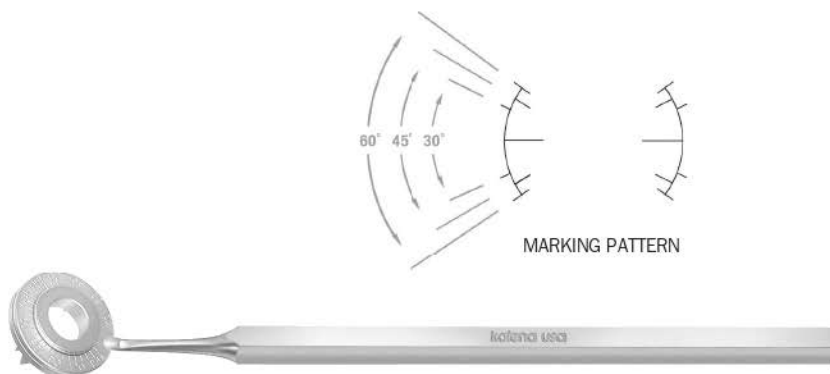
Henderson

Toric IOL Marker
two 2.5mm radial
marks extending to 11mm
titanium
(used with K3-7904 or K3-7905)
K3-7912



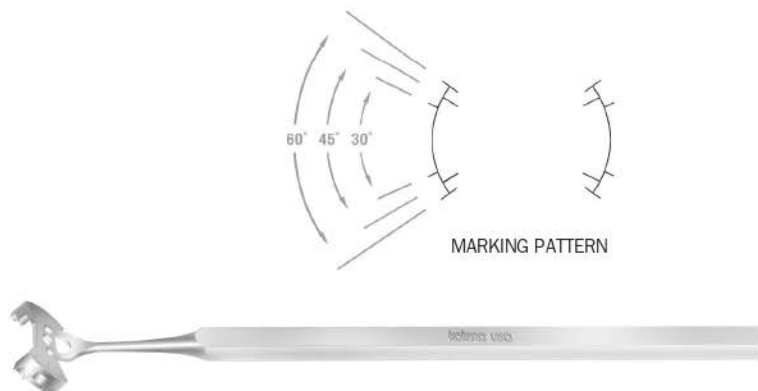
Chu

LRI Marker
rotating degree gauge
with 30°, 45° and
60° landmarks
K3-7930



Henderson

Limbal Relaxing Incision Marker
with 30°, 45° and 60° landmarks
(used with K3-7904 or K3-7905)
K3-7936



Corneal Markers

Optic Zone Markers

Bores

K3-8130	3.0mm
K3-8131	3.25mm
K3-8132	3.5mm
K3-8133	3.75mm
K3-8134	4.0mm
K3-8135	4.25mm
K3-8136	4.5mm
K3-8137	4.75mm
K3-8138	5.0mm
K3-8142	6.0mm
K3-8146	7.0mm
K3-8148	7.5mm
K3-8150	8.0mm
K3-8152	8.5mm
K3-8154	9.0mm

Hoffer, with cross hairs

K3-8330	3.0mm
K3-8340	3.25mm
K3-8350	3.5mm
K3-8360	3.75mm
K3-8370	4.0mm
K3-8380	4.25mm
K3-8390	4.5mm
K3-8400	4.75mm
K3-8410	5.0mm
K3-8412	5.5mm
K3-8414	6.0mm
K3-8418	7.0mm
K3-8422	8.0mm
K3-8426	9.0mm



Anis

Radial Marker
4mm diameter
center opening
12.5mm O.D.

K3-8852	8 blades
K3-8854	12 blades (shown)
K3-8855	16 blades



Markers

Anis

Suture Placement Marker
8 radial blades
8mm diameter center opening
For corneal grafts.

K3-8862



Fechtner

Trabeculectomy Marker
K3-8975



MARKING PATTERN



Fechtner

EX-PRESS® Marker
U-shaped 2.75mm marking
pattern. Side landmarks to help
identify the insertion site.

K3-8977



MARKING PATTERN



EX-PRESS® is a registered trademark of Alcon.



Calipers

Castroviejo

Caliper

20mm spread

K3-9000 straight

K3-9002 angled

K3-9010 curved



Osher

Incision Caliper

For internal measurement
of cataract incisions from
1 to 10mm.

K3-9012



Helveston

Scleral Ruler

15mm long, with notches

in 5mm increments

single marking tooth at tip

For measuring and marking
the distance from the limbus
to the location of the muscle
reinsertion.

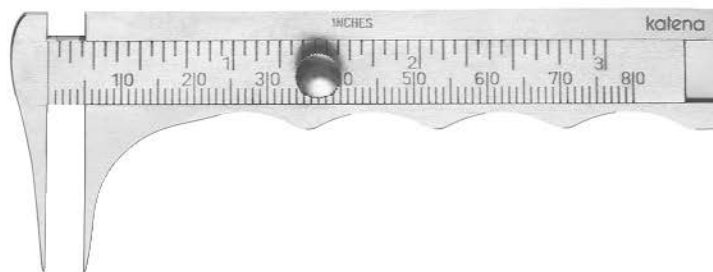
K3-9030



Calipers

Jameson

Caliper
chrome plated brass
K3-9150



Ruler

Stainless Steel
inches and mm
K3-9200



reduced by 10%

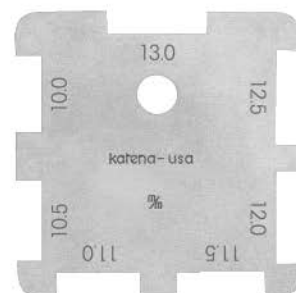
Braunstein

Caliper
stainless steel
K3-9240 3.0/3.5mm
K3-9250 3.5/4.0mm



Stahl

Corneal Caliper
with size markings on both sides
*For measuring corneal diameter
"white to white".*
K3-9300 0.5mm and 1.0mm sizes
from 10.0 to 13mm



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

 $\frac{2}{3}$

Citelli

Bone Nibbling Rongeur
7mm opening
2.0mm wide

K7-1805

 $\frac{2}{3}$

Lacrimal Instruments

Beyer

Rongeur
single action

K7-1810



2/3

Nasal

Speculum

K7-1820 infant

K7-1821 child

K7-1822 adult

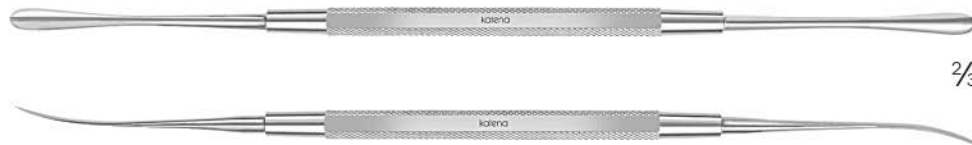


2/3

Freer

Periosteal Elevator
one end blunt
other end semi-sharp
4.5mm wide blades

K7-1830



2/3

Lacrimal Instruments

Joseph

Periosteal Elevator
gently curved tip
K7-1835



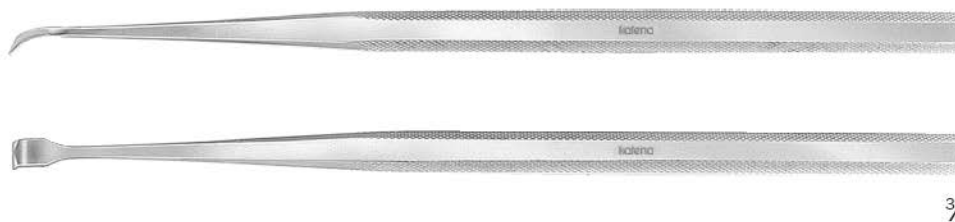
West

Lacrimal Chisel
straight
K7-1840



Freer

Lacrimal Chisel
curved
K7-1845



Lacrimal Instruments

Mallet

lead filled
stainless steel head
K7-1860



Harms

Trabeculotomy Probe
K7-1000 right
K7-1010 left



Infant

Lacrimal Dilator
very fine blunt tip
K7-2000



Muldoon

Lacrimal Dilator
K7-2100



Lacrimal Instruments

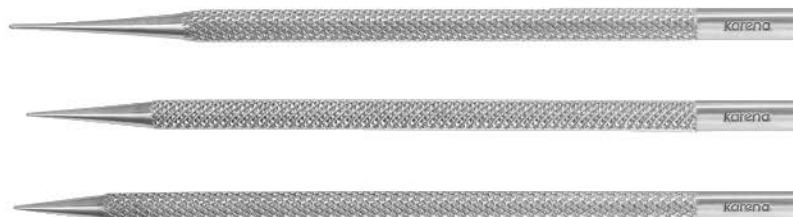
Wilder

Lacrimal Dilator

K7-2110 size 1, fine taper

K7-2120 size 2, medium taper

K7-2130 size 3, heavy taper



Castroviejo

Lacrimal Dilator

double-end
fine and
medium taper

K7-2300



Miyake

Lacrimal Probe

round knurled handle

140mm long, patented

K7-2480 set of 5

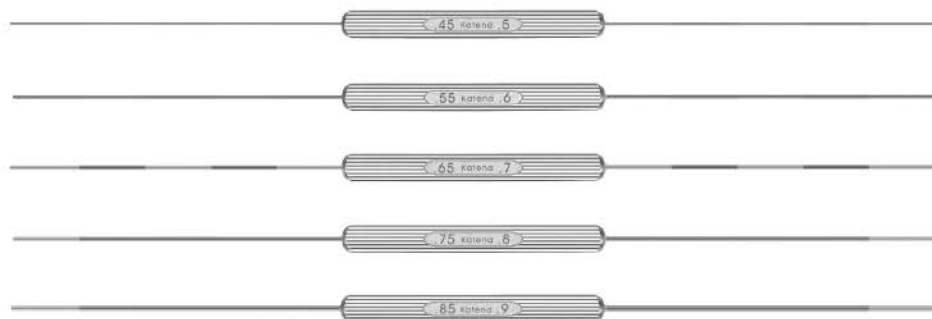
K7-2481 .45 and .5mm dia.

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

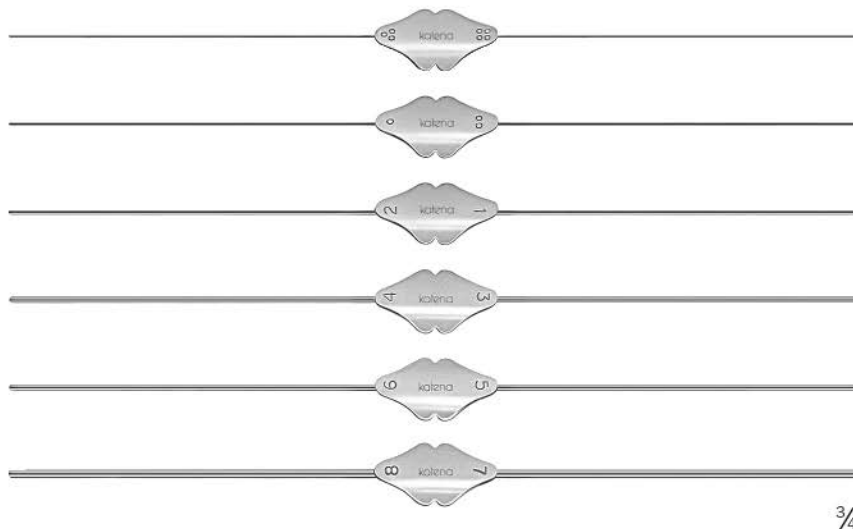
K7-2520 size 00 & 0

K7-2530 size 1 & 2

K7-2540 size 3 & 4

K7-2550 size 5 & 6

K7-2560 size 7 & 8



3/4

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



3/4

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



3/4

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



¾

Crawford

Retrieving Hook
for Crawford lacrimal
intubation probes

K7-2623



¾

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

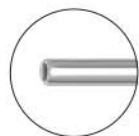
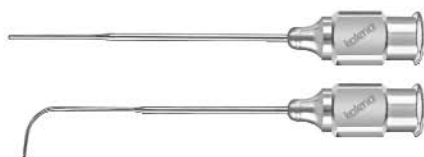
Probe
with suture holes

K7-2900



¾

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

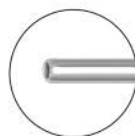
K7-3100



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



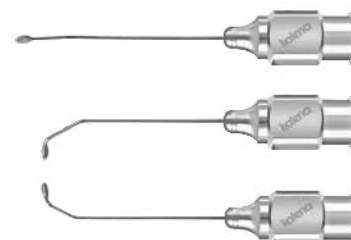
LASEK

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



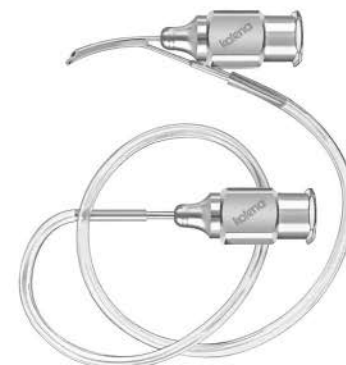
Gross

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



Stevens

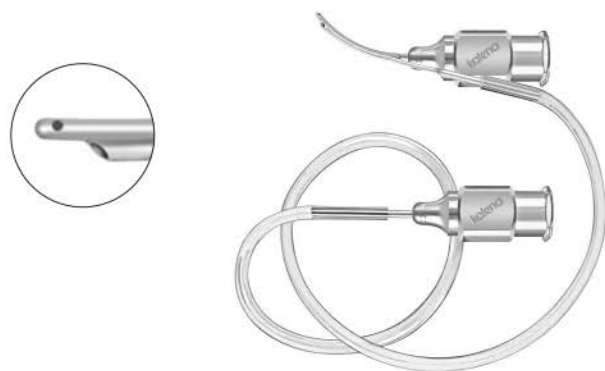
Sub-Tenon's Anesthesia Cannula
gently curved, flat tip
19 gauge
*For atraumatic entry into
sub-Tenon's space to inject
local anesthetic.*
K7-4005



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



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



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



right side



left side



Strauss-Simcoe

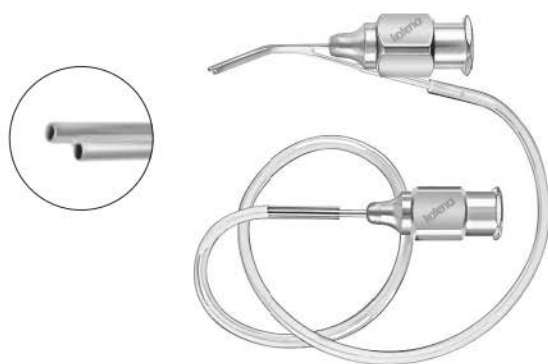
MSICS I/A Cannula

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

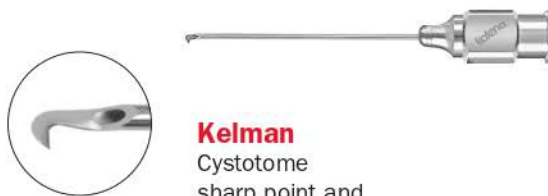


Silicone Tubing

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

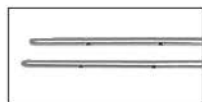


Gimbel

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

K7-5176

Cannulas



Vidaurri

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



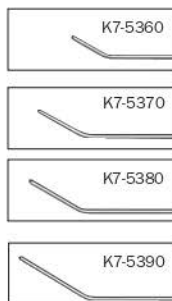
Dahan

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 sideports
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

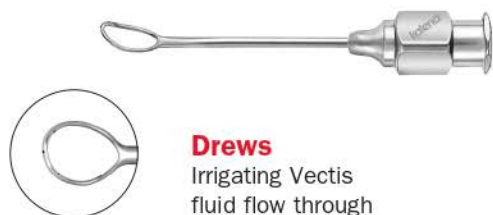
Hydrodissection Cannula
flat tip angled 90°
with beveled opening
27 gauge
K7-5464 standard tip
K7-5466 long tip

Cannulas



Knolle-Pearce

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



Drews

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



Sheets

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

Simcoe

Irrigating Lens Nucleus Loop
two front opening ports
finely serrated, strong curve
25 gauge

K7-5530 right

K7-5531 left



Alfonso-McIntyre

Irrigating Nucleus Spoon
single 0.3mm
front opening port

K7-5532 2.5mm wide

K7-5533 4.0mm wide



Heslin

Infusion Cannula
textured tip

K7-6700 25 gauge

K7-6710 23 gauge

Cannulas



Infusion Cannula

22 gauge with self-retaining tip
K7-6711



Drof

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



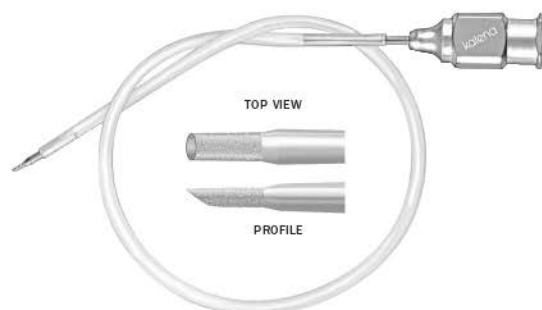
Lewicky

Chamber Maintainer
threaded tip
20 gauge
K7-6713



Brierley

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



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



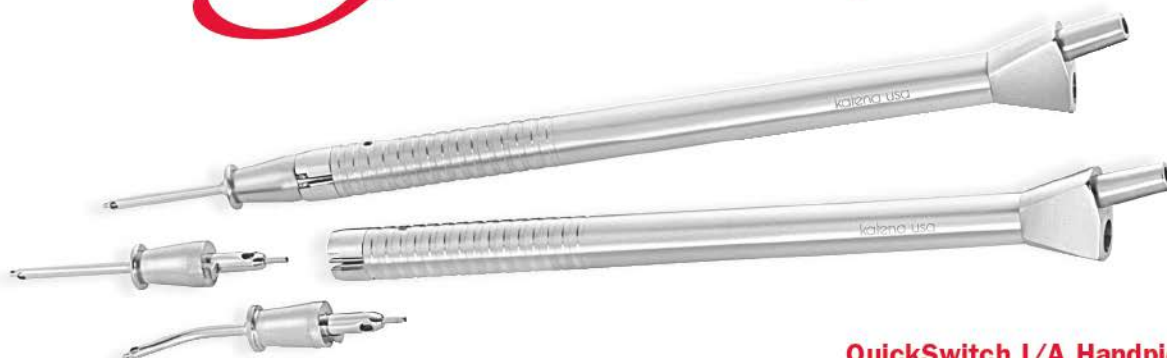
Giannetti
Nucleus Chopper and Manipulator with semi-sharp sides and concave inferior surface
20 gauge thin wall
K7-5885



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

Eye Spheres

Carter

Sphere Introducer

K8-6000



Eye Sphere

solid, clear plastic

K8-6100 10mm

K8-6120 12mm

K8-6140 14mm

K8-6160 16mm

K8-6180 18mm

K8-6200 20mm

K8-6220 22mm



Universal

Conformer

clear plastic

K8-6300 set of four
(1 sm, 1 med, 2 lg)

K8-6310 small

K8-6320 medium

K8-6330 large



Bipolar Forceps

Jewelers Type

pointed tips

straight

K8-7010 plain

K8-7012 insulated



Bipolar Forceps

Bipolar Forceps

McPherson type
lightly blunted tips
straight

K8-7020



Bipolar Forceps

McPherson type
lightly blunted tips
angled

K8-7021



Bipolar

Coaptation Forceps
pointed tips

K8-7030



Bipolar Cord

autoclavable

K8-7065



Accessories

Marking Tape

autoclavable

For identifying surgical instruments.

K9-1000	red	K9-1050	brown
K9-1010	yellow	K9-1060	blue
K9-1020	orange	K9-1070	green
K9-1030	white	K9-1071	lime green
K9-1035	grey	K9-1080	fluorescent orange
K9-1040	black	K9-1090	fluorescent purple

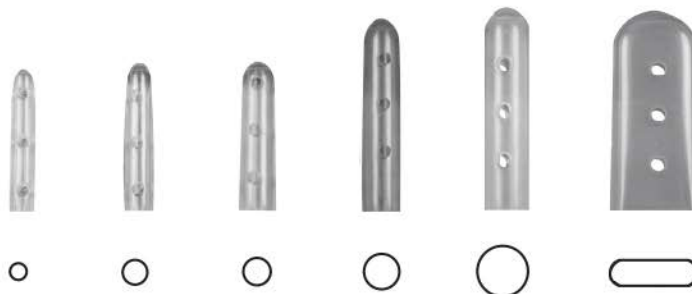


Vented Tip Guards

autoclavable (pk/100)

For protecting tips of surgical instruments.

K9-1205	assorted colors
K9-1215	white
K9-1225	blue
K9-1235	green
K9-1245	red
K9-1255	yellow
K9-1265	orange



Squeeze Handle

Cleaning Tube

used to flush delicate
mechanized instruments
luer lock connector provided

K9-1350



Sterilizing Cases • Plastic

Sterilizing Case for Diamond Knife

autoclavable plastic
with perforated silicone rack

K2-6555 for one knife

K2-6556 for two knives

Millimeters	Inches
160 x 60 x 25	6 ¼" x 2 ¼" x 1"



Plastic Sterilizing Cases

autoclavable plastic
with silicone finger mat
base, lid and mat are perforated
for steam penetration

Catalog #	Size	# of Instruments	Millimeters	Inches
K9-2018	small, narrow	1-2	195 x 60 x 25	7 ⅝" x 2 ¼" x 1"
K9-2020	small	2-3	160 x 70 x 25	6 ¼" x 2 ¾" x 1"
K9-2025	medium	4-6	200 x 110 x 25	7 ¾" x 4 ¼" x 1"
K9-2030	large	10-15	265 x 160 x 25	10 ⅜" x 6 ⅜" x 1"
K9-2040	large, double level	20-25	265 x 160 x 50	10 ⅜" x 6 ⅜" x 2"



K9-2020



K9-2040

Sterilizing Cases • Plastic

Sterilizing Case

autoclavable plastic
with perforated silicone rack
base, lid and rack are perforated
for steam penetration
Accommodates 1 instrument.

K9-2022

Millimeters	Inches
158 x 70 x 25	6 1/4" x 2 3/4" x 1"



Sterilizing Case for Knives

autoclavable plastic
with silicone racks
base and lid are perforated
for steam penetration
Accommodates 3 knives.

K9-2024

Millimeters	Inches
198 x 70 x 25	7 3/4" x 2 3/4" x 1"



Sterilizing Cases • Stainless Steel

Katena Sterilizing Case, small stainless steel

base, lid and mat are perforated
for steam penetration

Accommodates 8 to 12
microsurgical instruments.

K9-2100 complete

K9-2120 silicone mat only

Millimeters

210 x 125 x 20

Inches

8 ¼" x 5" x ¾"



Katena Sterilizing Case, medium stainless steel

base, lid and mats are perforated
for steam penetration

includes 2 silicone mats, rack for
4 cannulas and a rack for 4 delicate
hooks or knives

Accommodates 20 to 25
microsurgical instruments.

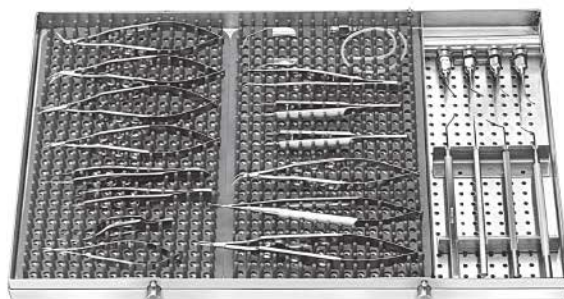
K9-2200

Millimeters

320 x 220 x 20

Inches

12 ½" x 8 ¾" x ¾"



Katena Sterilizing Case, large stainless steel

base, lid and mats are perforated
for steam penetration

includes 3 silicone mats, racks for 8
cannulas and a rack for 4 delicate
hooks or knives

Accommodates 30 to 40
microsurgical instruments.

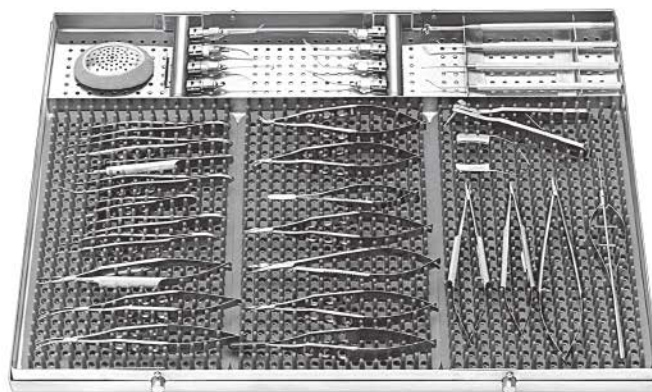
K9-2300

Millimeters

360 x 295 x 20

Inches

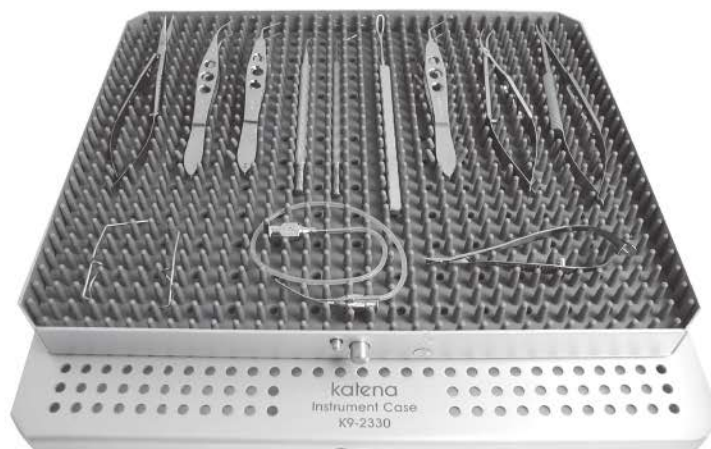
14 ¼" x 11 ½" x ¾"



Sterilizing Cases • Aluminum

Aluminum Sterilizing Cases, single
autoclavable anodized aluminum
with silicone finger mat
base, lid, and mat are perforated
for steam penetration

Catalog #	Size	# of Instruments	Millimeters	Inches
K9-2320	small	6-8	206 x 115 x 19	8 $\frac{1}{8}$ " x 4 $\frac{1}{2}$ " x $\frac{3}{4}$ "
K9-2330	medium	10-17	247 x 206 x 19	9 $\frac{3}{4}$ " x 8 $\frac{1}{8}$ " x $\frac{3}{4}$ "
K9-2340	large	16-20	327 x 225 x 25	12 $\frac{7}{8}$ " x 8 $\frac{7}{8}$ " x 1"



Silicone Finger Mat

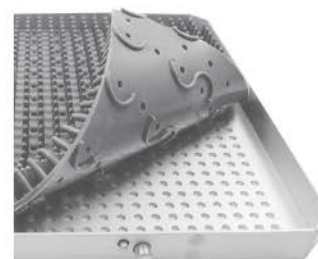
with "S-Channels" on underside

*Utilizing a special design which improves air flow
beneath the mat, making the drying process more
efficient and thorough.*

K9-2325 for use with Instrument Case,
aluminum, small (K9-2320)

K9-2335 for use with Instrument Case,
aluminum, medium (K9-2330)

K9-2345 for use with Instrument Case,
aluminum, large (K9-2340)



Sterilizing Cases • Aluminum

Aluminum Sterilizing Case, double

anodized aluminum
double level with a side
compartment for larger items
includes removable tray and 4
silicone mats
base, lid, tray and mats are
perforated for steam penetration
Accommodates 35 to 50
microsurgical instruments.

K9-2350

Millimeters

325 x 265 x 42

Inches

12 $\frac{3}{4}$ " x 10 $\frac{1}{2}$ " x 1 $\frac{5}{8}$ "



Instrument Rack

anodized aluminum
Holds and protects delicate
hooks, manipulators and cannulas.
Fits into upper or lower tray of
double level sterilizing
case (K9-2350) shown above
Accommodates 5 cannulas, 6 hooks,
manipulators, etc.

K9-2355

Millimeters

202 x 115 x 15

Inches

8" x 4 $\frac{1}{2}$ " x $\frac{1}{2}$ "



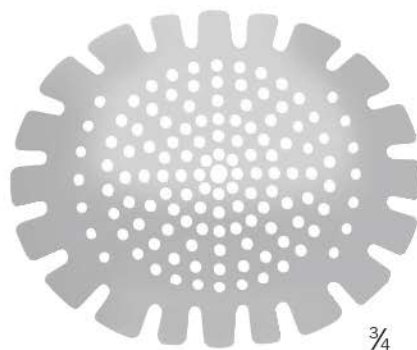
INSTRUMENT RACK IN TRAY

INSTRUMENT RACK

Eye Shields

Fox

Aluminum
Eye Shield
(bx/50)
K9-6000



¾

Fox

Aluminum Eye Shield
with garter
assorted colors
(bx/50)

K9-6010 adult
K9-6015 pediatric
K9-6030 garter only, assorted*
K9-6040 garter only, white*

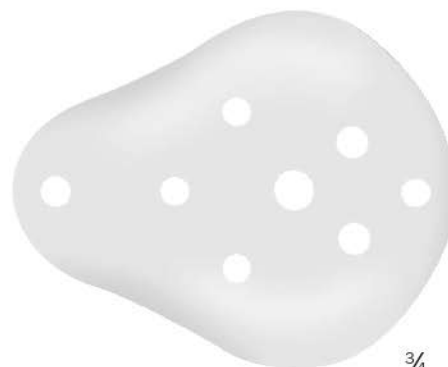


¾

*Caution: Garters contain latex which may cause allergic reactions.

Universal

Eye Shield
clear plastic
(pk/12)
K9-6050



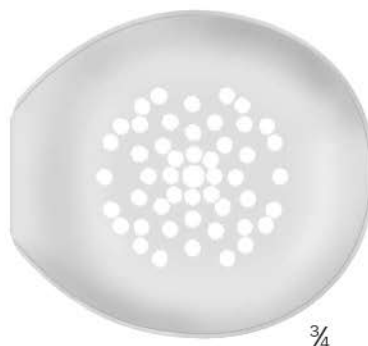
¾

Pressure Reducer

Pin Hole

Eye Shield
white plastic
(pk/12)

K9-6100



3/4

Honan Balloon

Intraocular Pressure Reducer
with relief valve

K9-8410 complete*

K9-8411 headband only, reusable*

K9-8412 headband, latex free
disposable (bx/12)



*Caution: This product contains latex which may cause allergic reactions.

Tonometer

Schiotz

Tonometer
autoclavable
with certificate of accuracy
K9-8500

