

 **katena**
DESIGNED FOR SIGHT®

INSTRUMENTS
BIOLOGICS
DEVICES



K7 涙小管器具・カニューラ



About Us:

Katena is the largest independently owned American company dedicated exclusively to ophthalmic surgical instrumentation. Katena markets its products directly to customers in the United States and through a global network of distributors in more than 110 countries around the world.

Established 1975, Katena is committed to:

- Developing innovative instruments to support new surgical techniques and technological advances in the field of ophthalmology.
- Producing instruments of consistently excellent quality.
- Providing unexcelled service to its customers and strong support for its distributors worldwide.

お知らせ

このカタログの商品は、できる限り番号順に記載されています。目次は、カタログ番号の最初につく番号（例えばK1, K2・・・）によって、製品のグループを特定しています。

このカタログの写真は特に注記したものを除き実物大です。イラストは細部を示す為の拡大図です。

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Rongeurs

ケリソン氏骨鉗子

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



2/3

サイテリ氏骨鉗子

Citelli

Bone Nibbling Rongeur
7mm opening 2.0mm
wide

K7-1805



2/3

Lacrimal Instruments

ベイヤー氏骨鉗子

Beyer

Rongeur
single action

K7-1810



2/3

鼻鏡

Nasal

Speculum

K7-1820 infant 乳児用

K7-1821 child 小児用

K7-1822 adult 大人用



2/3

フリーア氏骨膜起子

Freer

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

K7-1830



2/3

Lacrimal Instruments

ジェセフ氏骨膜起子

Joseph

Periosteal Elevator
gently curved tip

K7-1835



3/4

ウエスト氏涙管ノミ

West

Lacrimal Chisel
straight

K7-1840



3/4

フリーア氏涙管ノミ

Freer

Lacrimal Chisel
curved

K7-1845



3/4

Lacrimal Instruments

ステンレスハンマー

Mallet

lead filled
stainless steel head
K7-1860



ハームス氏トラベキュロトミー・プローブ

Harms

Trabeculotomy Probe
K7-1000 right
K7-1010 left



幼児用涙管拡張器

Infant

Lacrimal Dilator
very fine blunt tip
K7-2000



マルドゥーン氏涙管拡張器

Muldoon

Lacrimal Dilator
K7-2100



Lacrimal Instruments

ワイルダー氏涙管拡張器

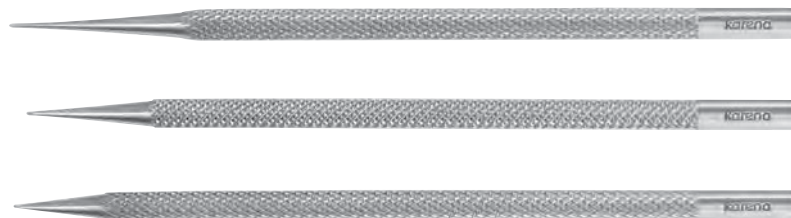
Wilder

Lacrimal Dilator

K7-2110 size 1, fine taper

K7-2120 size 2, medium taper

K7-2130 size 3, heavy taper



カストロビエホ氏涙管拡張器

Castroviejo

Lacrimal Dilator

double-end

fine and
medium taper

K7-2300



三宅氏涙道ブジー

Miyake

Lacrimal Probe

round knurled handle 140mm

long, patented

K7-2480 set of 5 5本セット

K7-2481 .45 and .5mm dia.

K7-2483 .55 and .6mm dia.

K7-2485 .65 and .7mm dia.

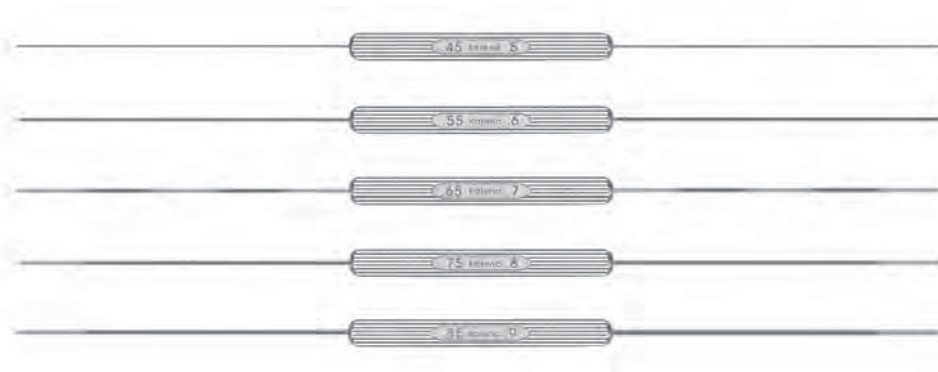
marked in 10mm increments

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

ボーマン氏涙管消息子

Bowman

Lacrimal Probe

malleable stainless steel

K7-2500 set of 6 6本セット

K7-2510 size 0000 & 000

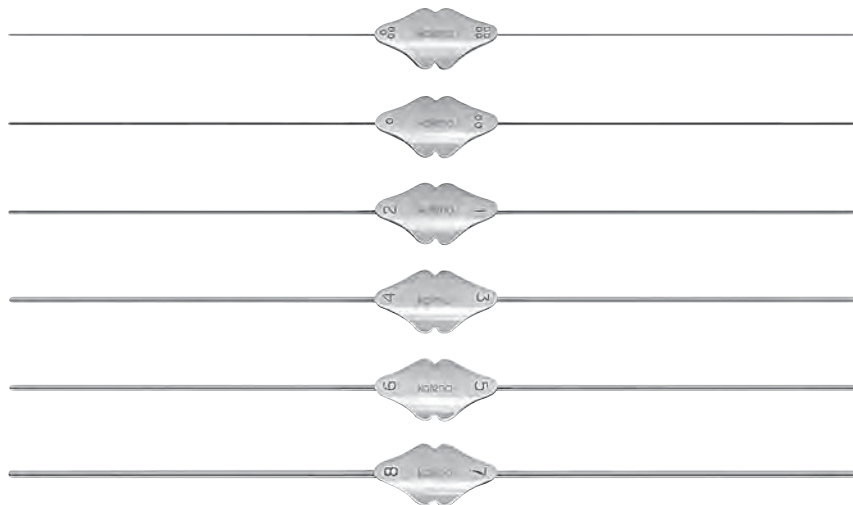
K7-2520 size 00 & 0

K7-2530 size 1 & 2

K7-2540 size 3 & 4

K7-2550 size 5 & 6

K7-2560 size 7 & 8



¾

キャタラノ氏涙小管チューブセット

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 一式

K7-2602 silicone tubing only シリコンチューブ



¾

ジャクソン氏涙小管チューブセット

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 一式

K7-2602 silicone tubing only シリコンチューブ



¾

Lacrimal Instruments

クロフォード氏涙小管チューブセット

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 一式

K7-2602 silicone tubing only シリコンチューブ

クロフォード氏涙小管チューブ用フック

Crawford

Retrieving Hook
for Crawford lacrimal
intubation probes



K7-2623

ボディアン氏チューブ付涙管消息子セット

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 一式

K7-2602 silicone tubing only シリコンチューブ

ピッグテール消息子

縫合孔付

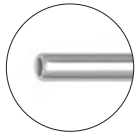
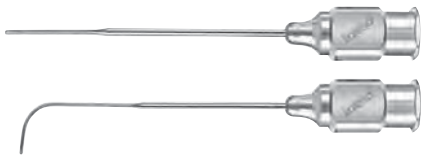
Pigtail

Probe
with suture holes



K7-2900

Cannulas

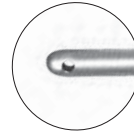


涙管カニューラ

Lacrimal

Cannula
malleable tip
23 gauge

K7-3000 straight
K7-3010 curved



マッキンタイア氏涙管カニューラ

McIntyre

Lacrimal Cannula
dual 0.3mm side ports
23 gauge

K7-3020 straight
K7-3030 curved

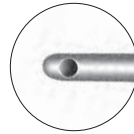


シャヒニアン氏涙管カニューラ

Shahinian

Lacrimal Cannula
bullet shaped tip
0.3mm side port
23 gauge, 11mm long

K7-3014

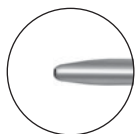


ウェスト氏灌流カニューラ

West

Lacrimal Cannula
blunt tip
0.3mm side port
23 gauge

K7-3100

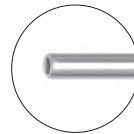


涙管カニューラ

Burnstine

Lacrimal Cannula
tapered tip
0.15mm end opening
23 gauge, 13mm long

K7-3016



シリコンオイル注入カニューラ

Silicone Oil

Injection Cannula
7mm long
23 gauge

K7-3210

Cannulas



エアー注入カニューラ

先端から5mmで曲

Air Injection

Cannula

angled at 5mm

K7-3500 30 gauge

K7-3520 27 gauge



粘弾性物質吸引カニューラ

Viscoelastic

Aspirating Cannula

angled at 10mm

K7-3550 22 gauge

K7-3552 19 gauge



アルビッシャー氏A/Cカニューラ

Arbisser

A/C Cannula

angled at 5.5mm

27 gauge

K7-3510



レイニン氏エアー注入カニューラ

Rainin

Air Injection Cannula

flat tip

angled at 7mm

K7-3570 30 gauge

K7-3580 27 gauge



エアー注入カニューラ

先端から7mmで曲

Air Injection

Cannula

angled at 7mm

K7-3502 30 gauge

K7-3522 27 gauge



後嚢染色カニューラ

Capsule

Staining Cannula

0.2mm posterior port

angled at 8mm

25 gauge

K7-3585

Cannulas



Bottom View



DALKエア注入カニューラ

DALK

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



トラウトマン氏 オリーブチップ・カニューラ

Troutman

Olive Tip Cannula
delicate
25 gauge
K7-3800



Top View



ローゼンワッサー氏DALKカニューラ

Rosenwasser

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



Bottom View



アルコール・カニューラ

LASEK

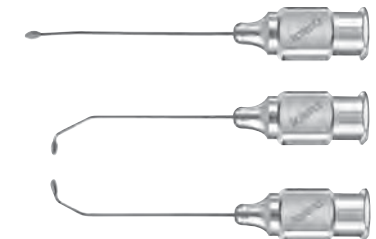
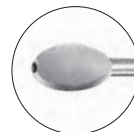
Alcohol Cannula
delicate olive shaped tip
angled at 10mm
25 gauge
K7-3805



ランドルフ氏毛様体解離カニューラ

Randolph

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



ウェルシュ氏 扁平オリーブチップ・カニューラ

Welsh

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

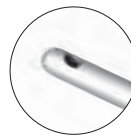
Cannulas



アトキンソン氏球後注射針

Atkinson

Retrobulbar Needle
23 gauge, 35mm long
K7-4000



コルビン氏テノン嚢下麻酔カニューラ

Corbin

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



深作氏テノン嚢下麻酔カニューラ

Fukasaku

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



グロス氏テノン嚢下麻酔カニューラ

Gross

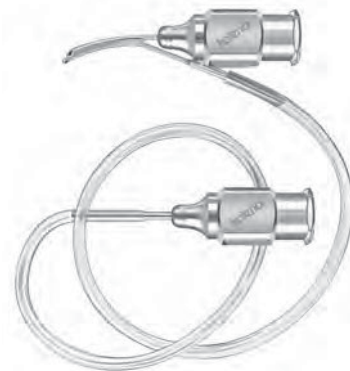
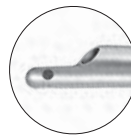
Sub-Tenon's Anesthesia Cannula
gently curved
flat burnished tip
front opening, 21 gauge
K7-4010



スティーブンス氏 テノン嚢下麻酔カニューラ

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

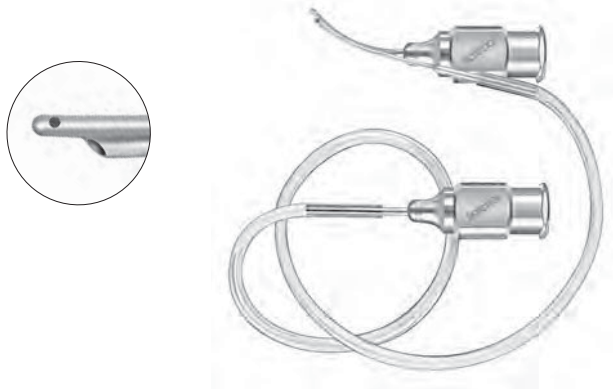


シムコ氏I/Aカニューラ

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



逆方向シムコ氏I/Aカニューラ

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



right side



left side

ゲス氏I/Aカニューラ

Gess

Irrigating-Aspirating Cannula

U-shaped, with end opening

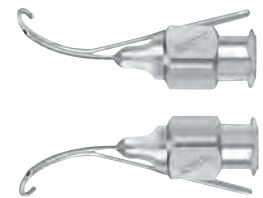
aspiration port, 23 gauge

Supplied with silicone tubing and adaptor.

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

K7-4304 curved right 右曲

K7-4305 curved left 左曲



シムコ氏I/Aカニューラ Uシェイプ

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 右曲

K7-4309 curved left 左曲



ストラウス氏MSICS I/Aカニューラ

Strauss-Simcoe

MSICS I/A Cannula

23 gauge, 0.3mm port

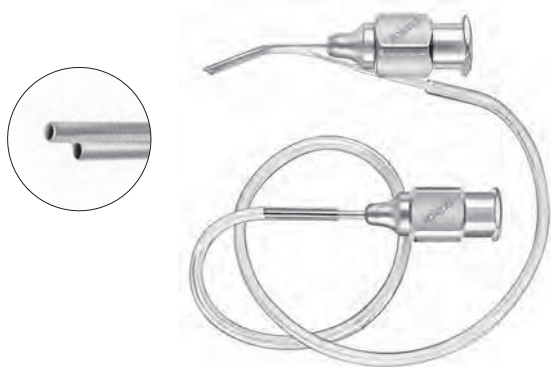
elongated and gently curved

with 15° angled tip.

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

K7-4320

Cannulas



ギルス氏I/Aカニューラ

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



シリコンチューブ

I/Aカニューラ用

Silicone Tubing

for I/A cannulas

K7-4455 tubing and adaptor アダプター付チューブ

K7-4456 tubing only シリコンチューブのみ
12" (30.5cm)

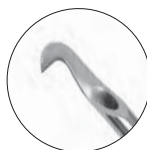


ケルマン氏チストーム

Kelman

Cystotome
sharp point and
sharp cutting edge
22 gauge

K7-4600



クラッツ氏チストーム

Kratz

Cystotome
sharp point and
sharp cutting edge
formed, 22 gauge

K7-4601



両刃チストーム

Double-Edge

Cystotome
sharp point and
sharp cutting edges
22 gauge

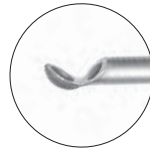
K7-4640

Cannulas



ノール・ケルマン氏チストーム
Knolle-Kelman

Cystotome
small blade
sharp point and
sharp cutting edge
22 gauge
K7-4660



シャマス氏後嚢研磨鋭匙
Shammas

Posterior Capsule
Polishing Curette
1mm diameter cup with
textured base
22 gauge
K7-4850



マッキンタイア氏チストーム
McIntyre

Cystotome
angled at 10mm
sharp point
23 gauge
K7-4680



クラフ氏後嚢研磨鋭匙
Kraff

Posterior Capsule
Polishing Curette
1.75mm diameter cup
with semi-sharp edge
irrigating port in center of cup
25 gauge
K7-4880



リップマン氏チストーム
Lieppman

Cystotome
extra small sharp point
and sharp cutting edge
22 gauge
K7-4700



ヘンダーソン氏後嚢研磨カニューラ
Henderson

MICS Capsule Polishing Cannula
finely textured, 1.25mm wide
disc-shaped tip, with 0.5mm
posterior facing port
23 gauge
K7-4890

Cannulas



ドウバイル氏後囊研磨具

Dvali

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



シャピロ氏後囊研磨具

Shapiro

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



クラッツ氏スクラッチャー

Kratz

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



ジェンセン氏後囊研磨具

Jensen

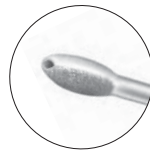
Capsule Polisher
carbide impregnated
front opening
*For polishing the anterior
and/or posterior capsule.*
K7-4920 25 gauge, half-textured tip
K7-4921 25 gauge, fully-textured tip
K7-4930 23 gauge, half-textured tip
K7-4931 23 gauge, fully-textured tip



ラブマン・カッチン氏後囊研磨具

Rubman-Katzin

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



ルー氏カプセル研磨カニューラ

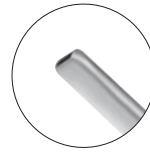
Lu
Posterior Capsule Polisher
flattened olive shaped tip
carbide impregnated on
the posterior surface
front opening, 23 gauge
K7-4933

Cannulas



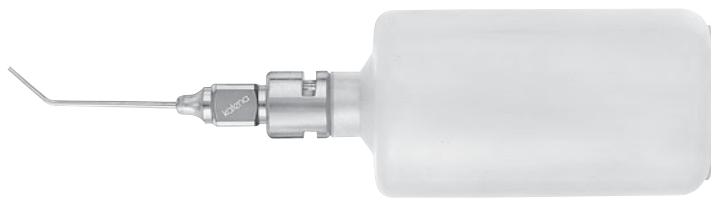
ノール氏後囊研磨具 Knolle

Posterior Capsule Polisher
finely textured
2mm angled tip
front opening
K7-4940 30 gauge
K7-4950 23 gauge



ペータース氏水流分離カニューラ Peters

Hydrodissection Cannula
3mm long, vertically flattened tip
25 gauge
K7-5053



ビショップ・ハーモン氏前房灌流器 Bishop-Harmon

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

K7-5000 complete 一式
K7-5005 silicone bulb アダプター付
and adaptor シリコンバルブ
K7-5010 silicone bulb シリコンバルブ
K7-5020 adaptor アダプター
K7-5050 19 gauge cannula 19Gカニューラ
K7-5052 21 gauge cannula 21Gカニューラ



核水流分離カニューラ Hydrodissection

Cannula
angled at 8mm
flat tip, front opening
25 gauge
K7-5054



シーリー氏核水流分離カニューラ Seeley

Hydrodissection Cannula
angled at 12mm
flat tip, front opening
26 gauge
K7-5056

Cannulas



ダーン氏水晶体核脱出カニューラ

Dahan

Nucleus Prolapsing Cannula
angled at 4mm
miniature olive tip with
0.15mm end opening
25 gauge
K7-5058



シュー氏水流分離カニューラ

Chu

Hydrodissection Cannula
flattened, 25 gauge
0.75mm long spatulated tip
K7-5085



ノール氏前房灌流カニューラ

Knolle

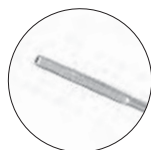
Anterior Chamber
Irrigating Cannula
angled at 2mm, front opening
K7-5060 30 gauge
K7-5062 27 gauge
K7-5080 23 gauge



灌流カニューラ

Irrigating Cannula

dual side ports
23 gauge
K7-5095 0.4mm ports
K7-5096 0.5mm ports



サウター氏核水流分離カニューラ

Sauter

Hydrodissection Cannula
vertically flattened tip
front opening, 27 gauge
K7-5082



灌流カニューラ

オーバル

Irrigating Cannula
dual side ports
22 gauge, oval
K7-5097 0.4mm ports

Cannulas

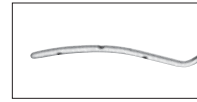


ブラッケン氏灌流カニューラ

Bracken

Irrigating Cannula
smooth beveled tip
front opening, 19 gauge

K7-5100



バナジ氏灌流カニューラ

Banaji

LASIK Cannula
bullet shaped tip
6 ports for multi-directional
irrigation

25 gauge

K7-5112 smooth

K7-5113 textured



スパネル状灌流カニューラ

Spatulated

LASIK Cannula
flattened spatulated tip
end opening

26 gauge

K7-5106



ブリアリー氏灌流カニューラ

Brierley

LASIK Cannula
closed spatulated tip
6 ports for multi-directional
irrigation

25 gauge

K7-5115



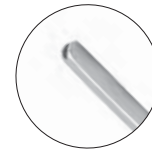
深作氏灌流カニューラ

Fukasaku

LASIK Cannula
low profile tip, end opening

23 gauge

K7-5108



カーター氏灌流カニューラ

Carter

LASIK Cannula
flattened tip, end opening

25 gauge

K7-5116

Cannulas



ブラット氏灌流カニューラ

Buratto

LASIK Cannula
slightly flattened
one front and two side ports

K7-5117 25 gauge

K7-5118 23 gauge



ラボー氏A/Cカニューラ

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



マッキンタイア氏前房灌流カニューラ

McIntyre

Anterior Chamber Cannula
smooth blunt tip,
front opening

K7-5120 23 gauge, straight

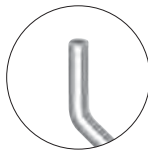
K7-5130 23 gauge, angled

K7-5140 26 gauge, straight

K7-5150 26 gauge, angled

K7-5160 30 gauge, straight

K7-5170 30 gauge, angled



ギンベル氏皮質吸引カニューラ

Gimbel

Cortex Aspirating Cannula
end opening
30 gauge

K7-5174



ギンベル氏ポリッシング・カニューラ

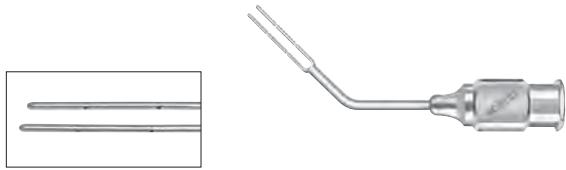
Gimbel

LASIK Polishing Cannula
flattened textured tip
end opening, 30 gauge

*For dislodging and irrigating
particles from the corneal
interface.*

K7-5176

Cannulas



ヴィドーリ氏灌流カニューラ

Vidaurri

LASIK Cannula
double-armed
8 irrigating ports
25 gauge
K7-5180 vertical
K7-5181 horizontal



シムコ氏皮質吸引カニューラ

0.4mmサイドポート 21mm長

Simcoe

Cortex Extractor
0.4mm side port
21mm long
K7-5232 23 gauge thin wall
K7-5234 21 gauge



シムコ氏皮質吸引カニューラ

0.3mmサイドポート 13mm長

Simcoe

Cortex Extractor
0.3mm side port
13mm long, 23 gauge
K7-5220 smooth tip
K7-5221 textured tip



デラオー氏吸引カニューラ

De La O

Aspirating Cannula
0.3mm side port
angled at 12mm
25 gauge thin wall
K7-5236



シムコ氏皮質吸引カニューラ

0.3mmサイドポート 21mm長

Simcoe

Cortex Extractor
0.3mm side port
21mm long, 23 gauge
K7-5230 smooth tip
K7-5231 textured tip

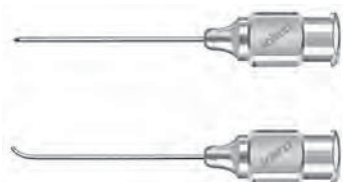


シムコ氏吸引カニューラ

Simcoe

Aspiration Cannula
0.3mm side
port 21mm long, 22 gauge
oval
K7-5237 smooth tip
K7-5238 textured tip

Cannulas



アニス氏皮質吸引カニューラ

Anis

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



モリソン氏吸引カニューラ

Morrison

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



ダーハン氏皮質吸引カニューラ

Dahan

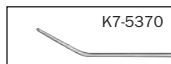
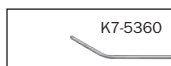
Cortex Aspirating Cannula
0.4mm side port
finely textured tip
22 gauge thin wall
K7-5242



ウィルブランド・ ピンクホルスト氏灌流カニューラ

Wilbrandt-Binkhorst

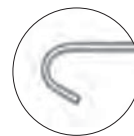
Cannula, "U" shape
smooth blunt tip
end opening, 23 gauge
K7-5430 straight
K7-5431 angled left
K7-5432 angled right



ギルス氏吸引カニューラ

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



マッキンタイア・ ピンクホルスト氏灌流カニューラ

McIntyre-Binkhorst

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

Cannulas



ハミル氏灌流カニューラ

Hamill

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



フィスター氏核水流分離カニューラ

Feaster

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



ギンベル氏核水流分離カニューラ

Gimbel

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



深作氏水流分離カニューラ

Fukasaku

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



ギンベル氏灌流カニューラ

Gimbel

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



チャン氏核水流分離カニューラ

Chang

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

Cannulas



ノール・ピアス氏灌流輪匙

Knolle-Pearce

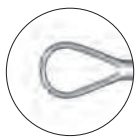
Irrigating Vectis
fluid flow through
three front opening ports
23 gauge loop
K7-5500



ドリュース氏灌流輪匙

Drews

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



シーツ氏灌流輪匙

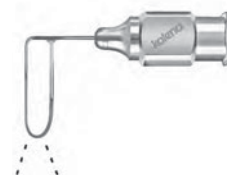
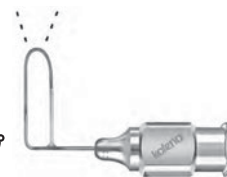
Sheets

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

シムコ氏核摘出灌流ループ

Simcoe

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



アルフォンソ・マッキンタイア氏灌流スプーン

Alfonso-McIntyre

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



ヘスリン氏注入カニューーラ

Heslin

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

Cannulas



注入カニューラ

Infusion Cannula

22 gauge with
self-retaining tip

K7-6711



ドロフ氏注入カニューラ

Drof

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

K7-6725

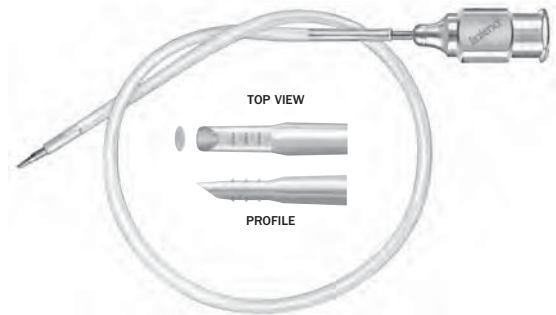


ルウィッキー氏前房維持具

Lewicky

Chamber
Maintainer
threaded tip
20 gauge

K7-6713

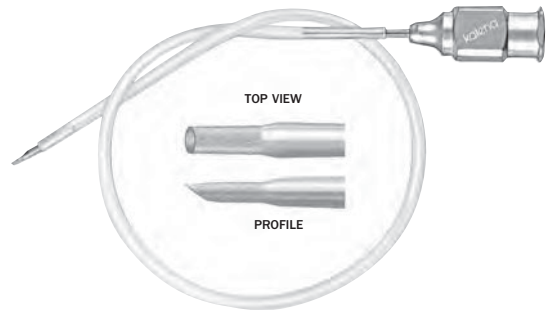


ブリアリー氏前房維持具

Brierley

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

K7-6715



ダーハン・ブルメンタル氏ACM

Dahan-Blumenthal

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

K7-6717

Infusion Handles

マッキンタイア氏注入ハンドル

7.5cm プラスチック

McIntyre

Infusion Handle
autoclavable plastic
male/tubing connectors
7.5cm long

K7-6750

K7-6748 silicone tubing and adaptor



カンサス氏注入ハンドル

Kansas

Infusion Handle
male/male connectors
7.5cm long

K7-6795



カティーナ灌流ハンドル

Katena

Infusion Handle
male/tubing connectors

K7-6800 11.5cm long

K7-6801 7.5cm long



カティーナ注入ハンドル

Katena

Infusion Handle
K7-6805 male/male connectors
K7-6806 male/female connectors



Bimanual I/A

バイマニュアルI/Aシステム



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.

バイマニュアル灌流ハンドピース

雌コネクター 青

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

灌流/吸引ハンドル

Irrigation and Aspiration Handles

For use with standard luer-lock cannulas.

K7-5890 Aspiration Handle

male/male fitting, magenta color

吸引ハンドル

雄/雄フィッティング 赤紫

K7-5892 Irrigation Handle

male/female fitting, blue color

灌流ハンドル

雄/雌フィッティング 青

バイマニュアル吸引ハンドピース

雄コネクター 赤紫

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

ベーム氏灌流虹彩リトラクター

Bohm

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



ルー氏灌流付乱視用レンズ操作具

Lu

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



ローゼンワッサー氏灌流内皮ストリッパー

Rosenwasser

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



Irrigating Nucleus Choppers

ハイドロチョッパー

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.



深作氏
ハイドロチョッパー

Fukasaku

Small Pupil Snapper Hook wedge shaped inferior edge with blunt tip and front notch for engaging iris

20 gauge thin wall

K7-5873



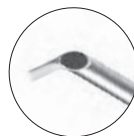
ローゼン氏
ハイドロチョッパー

Rosen

Phaco Splitter wedge shaped inferior edge with blunt tip

20 gauge thin wall

K7-5875



ナイチャミン氏
ハイドロチョッパー

Nichamin

Nucleus Chopper with wedge shaped tip offset 60°

20 gauge thin wall

K7-5877



チャン氏マイクロフィンガー・
ハイドロチョッパー

Chang

Phaco Chopper with modified MicroFinger for horizontal chopping

20 gauge thin wall

K7-5879



永原氏
ハイドロチョッパー

Nagahara

Phaco Chopper with wedge shaped inferior edge and round blunt tip

20 gauge thin wall

K7-5881



永原氏
ハイドロチョッパー

Nagahara

Phaco Chopper with wedge shaped inferior edge and round blunt tip offset 60°

20 gauge thin wall

K7-5883



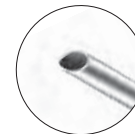
ジアネッティ氏
ハイドロチョッパー

Giannetti

Nucleus Chopper and Manipulator with semi-sharp sides and concave inferior surface

20 gauge thin wall

K7-5885



リンドストローム氏
ハイドロ灌流ハンドピース

Lindstrom

Irrigator end opening

20 gauge thin wall

K7-5889

I/A System

クイックスイッチI/Aシステム

QUICK Switch System



クイックスイッチI/Aハンドピース
雄吸引コネクター

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

I/Aチップ 直 側孔

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



I/Aチップ

反 0.3mm側孔

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

K7-6023



I/A System



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



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



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



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



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



I/Aチップ 直 側孔
シリコンスリーブ付
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



I/Aチップ 曲45° 0.3mm側孔
シリコンスリーブ付
Coaxial I/A Tip, 0.3mm side port
aspiration angled 45°
silicone irrigation sleeve
with dual side ports
K7-6052



I/Aチップ 曲90° 0.3mm側孔
シリコンスリーブ付
Coaxial I/A Tip, 0.3mm side port
aspiration angled 90°
silicone irrigation sleeve
with dual side ports
K7-6054



シリコンスリーブ
6個入
Silicone Irrigation
Sleeve (pkg/6)
K7-6059



ルアーアダプター
Luer adapter
For use with
conventional irrigation
cannulas.
K7-6060