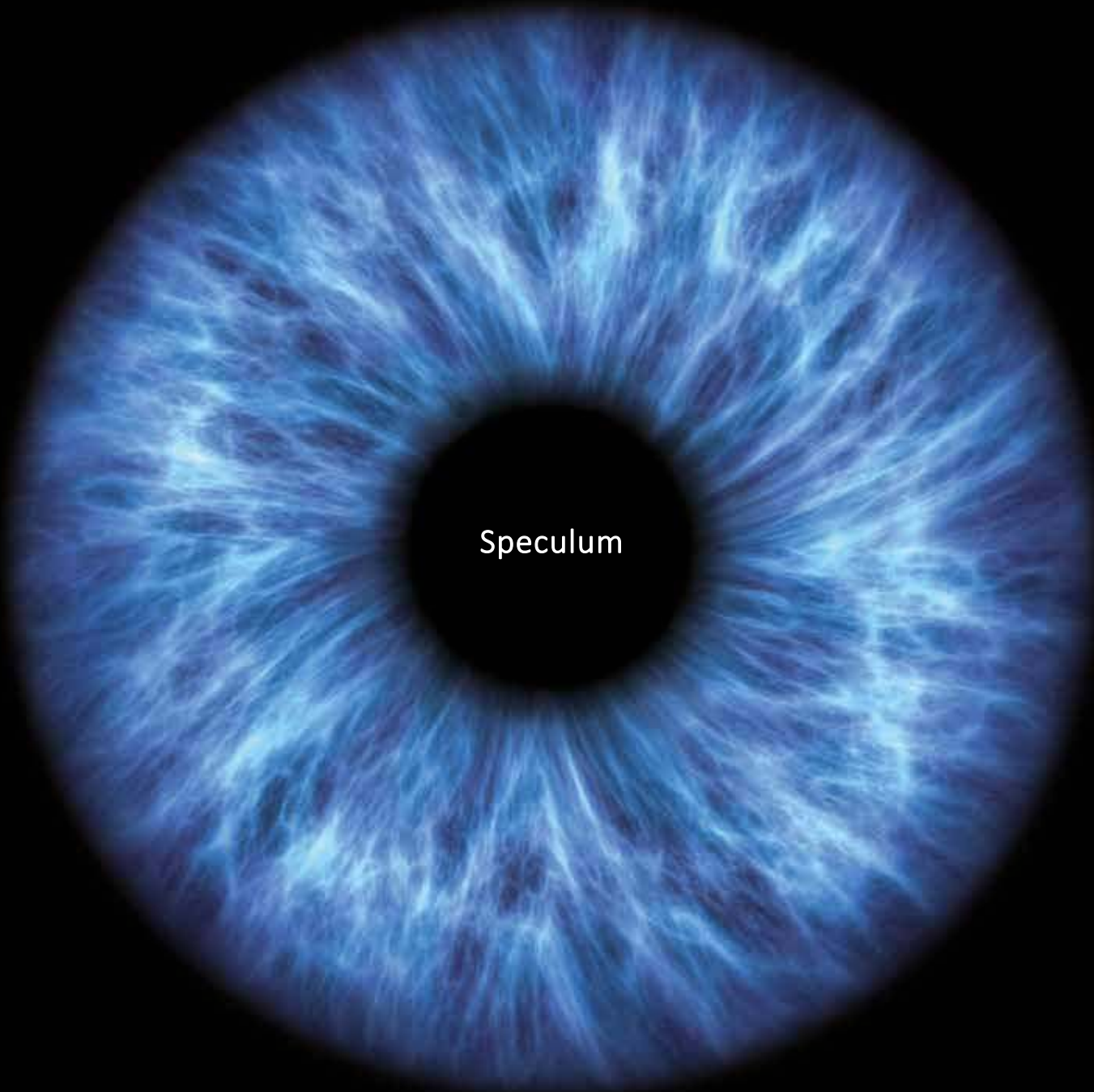




OPHTALMO

**katena**  
DESIGNED FOR SIGHT™



Speculum

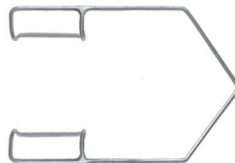
THIS IS WHAT THE FUTURE LOOKS LIKE

# Speculums

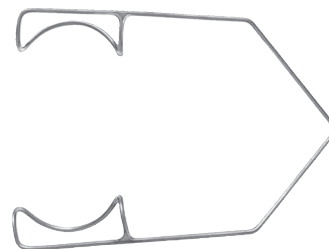
## Barraquer

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

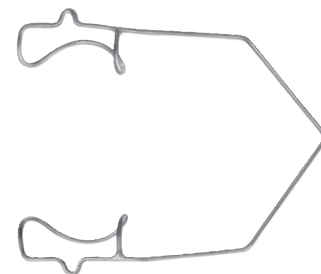
## Grandon-Barraquer

Wire Speculum

with suture notches

*Used to obtain additional traction for the upper eyelid.*

- K1-5011** 15mm blades

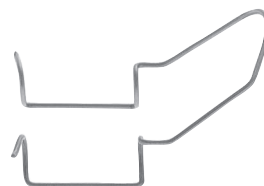
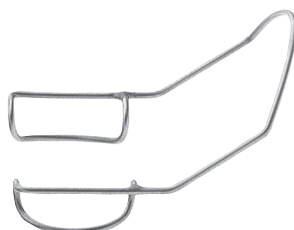


## Temporal Approach

Wire Speculum

with spring on nasal side

- K1-5012** 15mm closed blades
- K1-5015** 15mm open blades
- K1-5014** 15mm solid blades



# Speculums

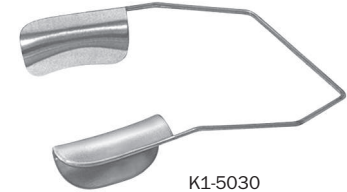
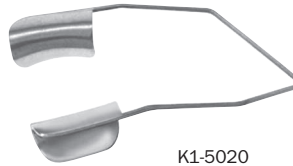
## Solid Blade

Wire Speculum

**K1-5020** Barraquer, 10mm blades

**K1-5030** Barraquer, 15mm blades

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



## Kratz-Barraquer

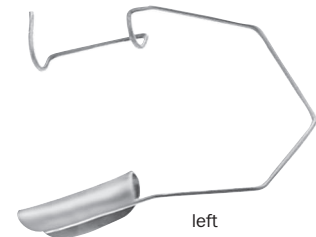
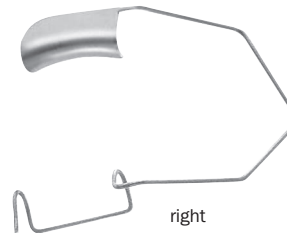
Wire Speculum

15mm blades

one solid and one open wire

**K1-5044** for right eye

**K1-5045** for left eye



## Kratz-Barraquer

Wire Speculum

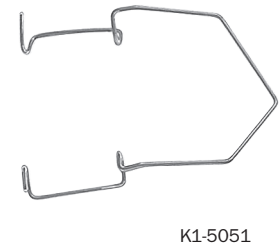
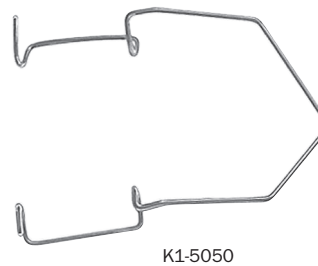
with open blades

*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



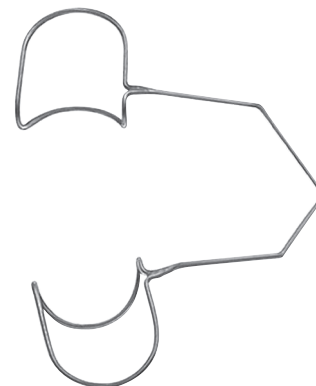
# Speculums

---

## Kratz-Barraquer

Wire Speculum  
with wings  
*For retracting the lids  
up and away from the globe  
to eliminate external pressure.*

**K1-5060** 15mm blades

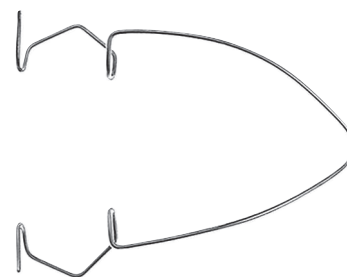
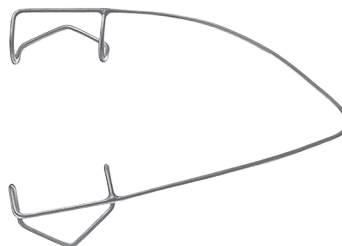


## McIntyre

Wire Speculum  
gently curved springs  
*V-shaped blades are designed to  
retain surgical drape under the eyelids.*

**K1-5070** closed wire, 13mm blades

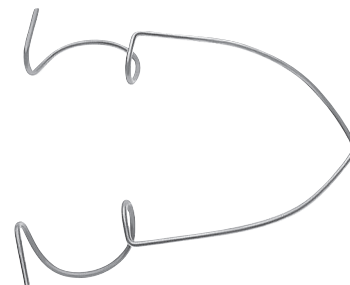
**K1-5071** open wire, 13mm blades



## 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

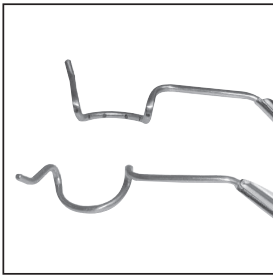
**K1-5175** Lieberman, V-shaped, 15mm blades

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

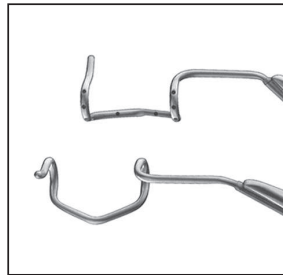
**K1-5179** replacement silicone tubing, 100cm (39")



K1-5171



K1-5173



K1-5175

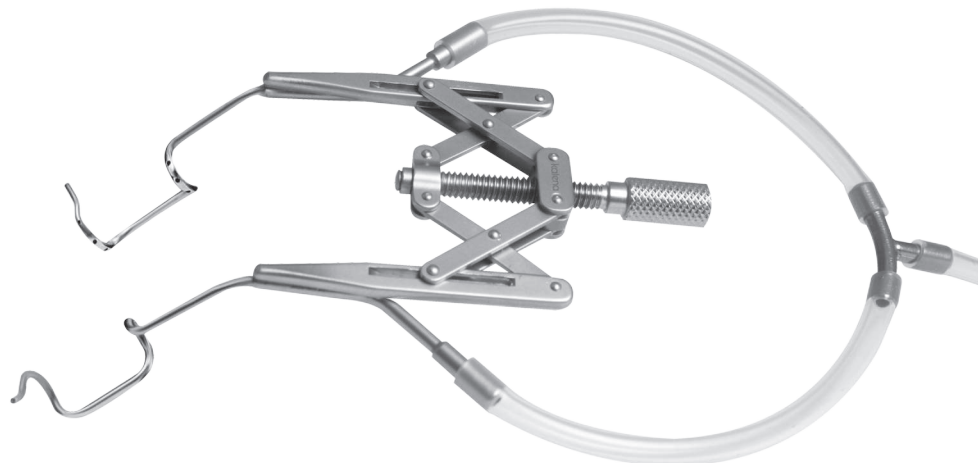


K1-5180

## 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



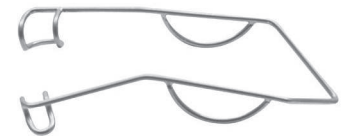
## Infant

Wire Speculum

interlacing 3mm & 5mm blades

*For use with newborns or infants.*

**K1-5330**



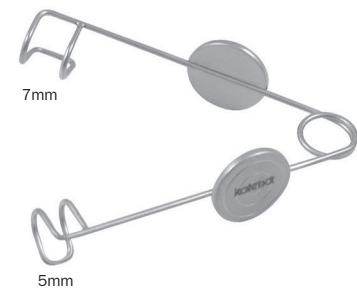
## Alphonso

Infant Lid Speculum

finger grips and interlacing blades  
to facilitate insertion

one blade 5mm, one blade 7mm

**K1-5340**

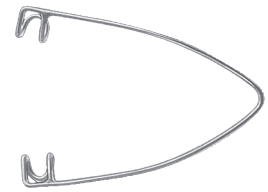


# Speculums

---

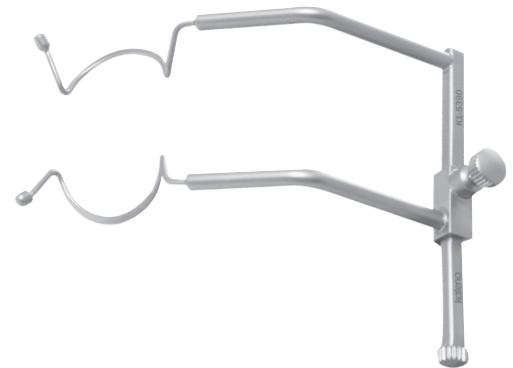
## Infant

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

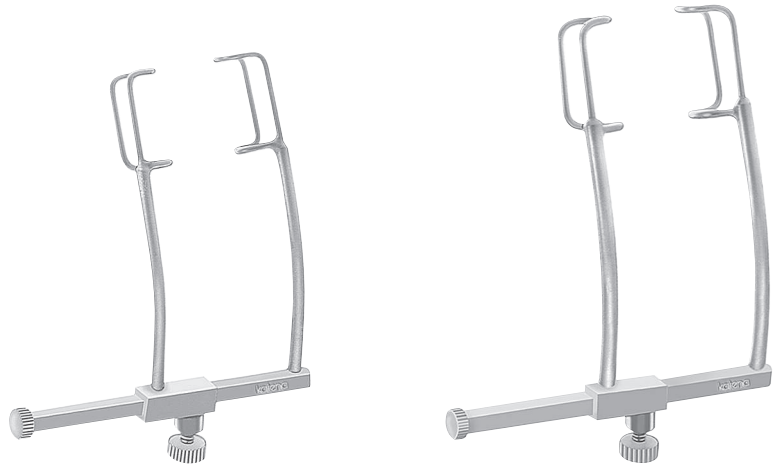
---

## 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

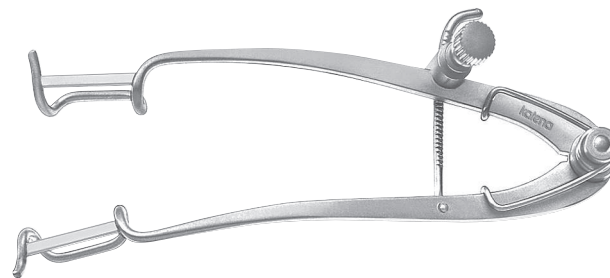
---

## 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

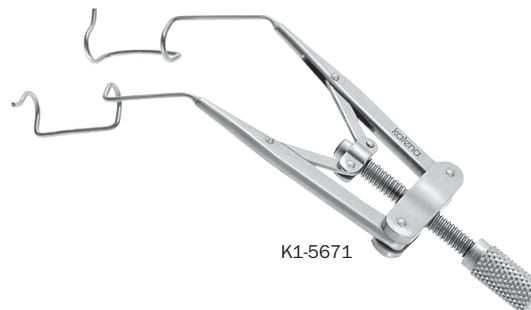
Eye Speculum  
with flanges on blades for  
retaining eye lashes  
adjustable mechanism  
with locking screw

**K1-5620**



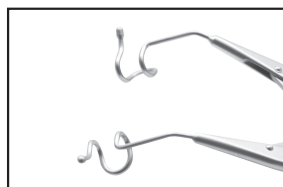
# Lieberman Speculums

- 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

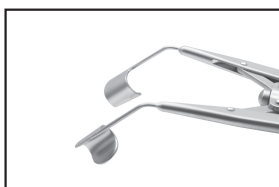


K1-5671

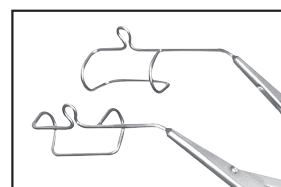
*Aspirating versions available, see page 4.*



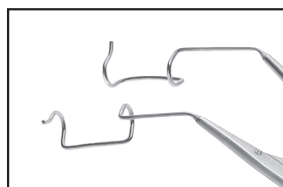
K1-5660



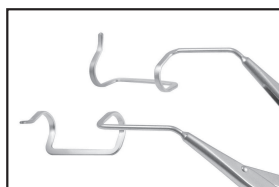
K1-5665



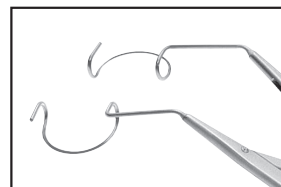
K1-5668



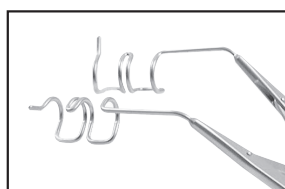
K1-5670



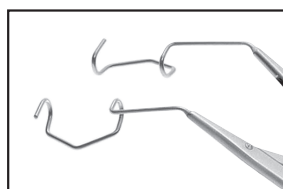
K1-5672



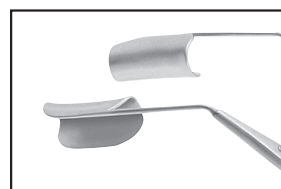
K1-5673



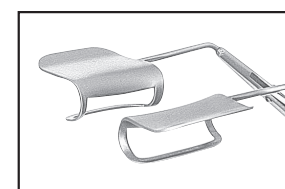
K1-5674



K1-5675



K1-5678



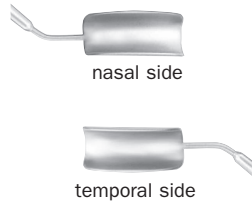
K1-5679

# 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

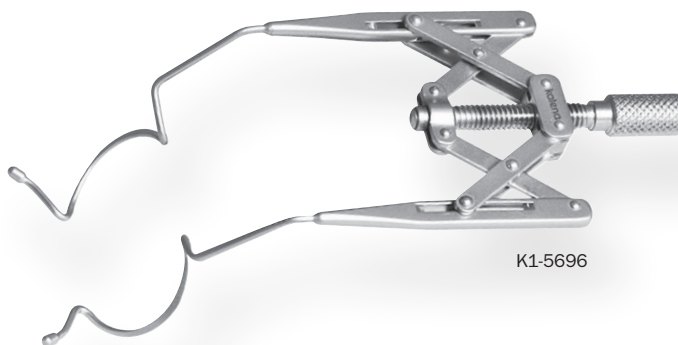
**K1-5696** Chu, flattened 17mm

**K1-5697** Chu, flattened 13mm

**K1-5698** Solid blades 15mm

Aspirating version available, see page 4.

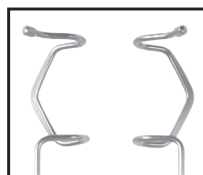
patent pending



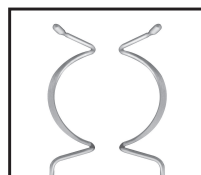
K1-5696



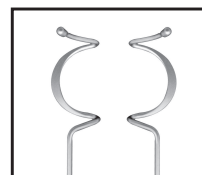
K1-5691 K-wire, 15mm



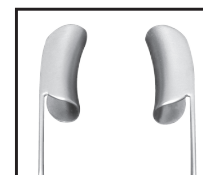
K1-5695 V-wire, 15mm



K1-5696 Chu, 17mm



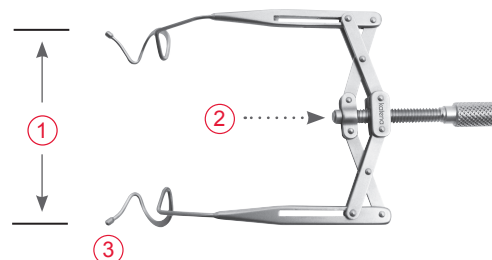
K1-5697 Chu, 13mm



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

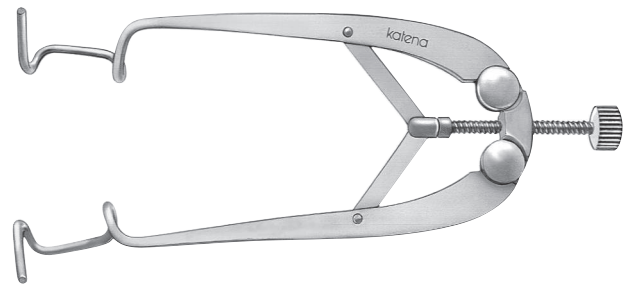
## Castroviejo

Eye Speculum  
adjustable mechanism  
**K1-5701** 14mm blades  
**K1-5702** 16mm blades



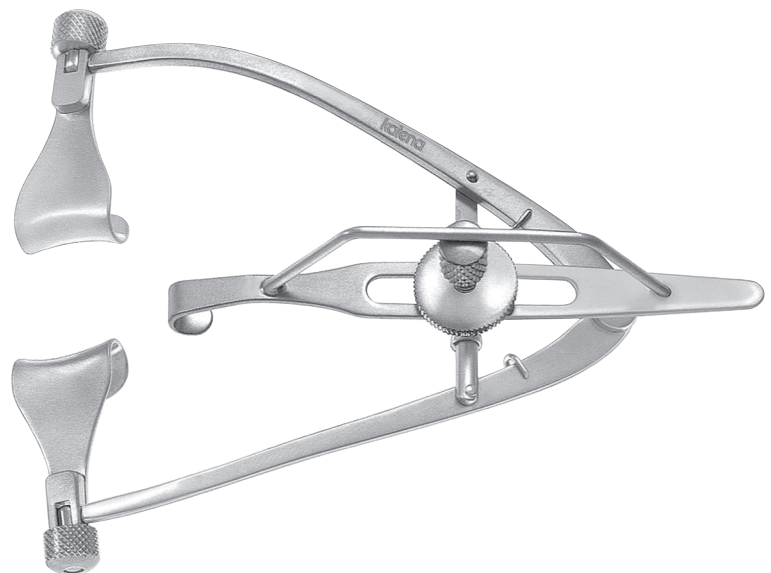
## Fishkind

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

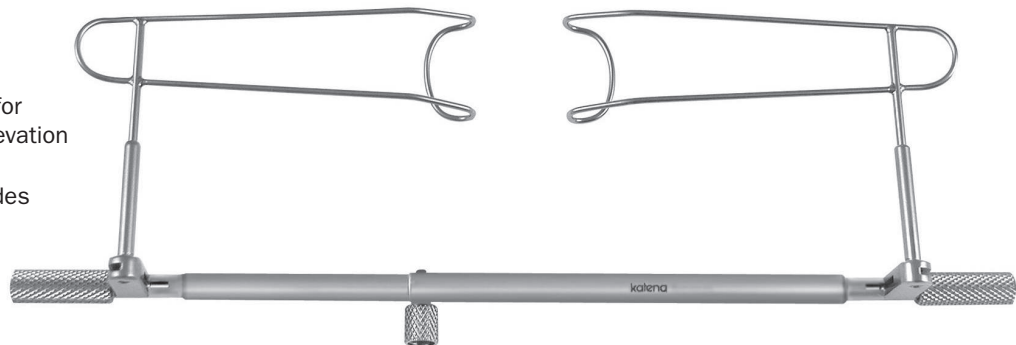
**K1-5951** 15mm wire blades  
(not shown)

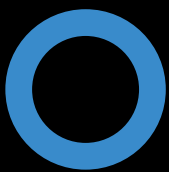


## Schott

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

**K1-5955** 16mm wire blades





OPHTALMO  
THIS IS WHAT THE FUTURE LOOKS LIKE

- SURGICAL
- CONSUMABLES
- MEDICAL DEVICE