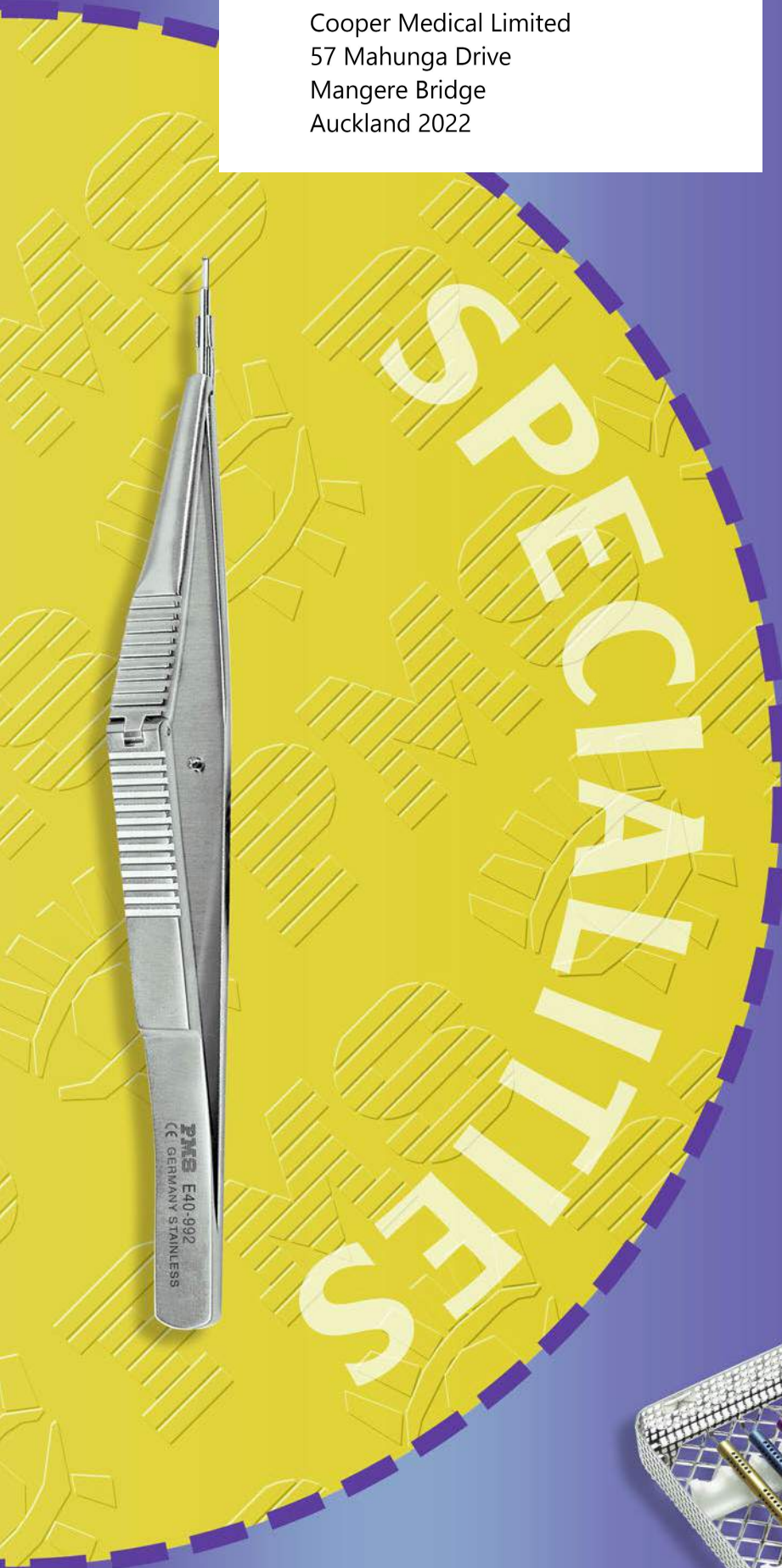


Distributed in New Zealand by:



Cooper Medical Limited
57 Mahunga Drive
Mangere Bridge
Auckland 2022





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SELLER





for
"Little People"

extra small version of popular eye speculae
for routine premature infant lid retraction



Barraquer, wire

E40-003 premature, 3 mm

E40-005 newborn, 5 mm

E40-007 infant, 7 mm

E40-009 child, 9 mm

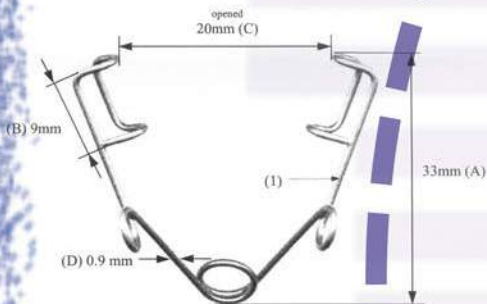
Vinzenz, wire

Infant Speculum

fenestrated 4 mm blades

E40-004

interlacing blades for easier insertion and removal



Takeda, wire

Infant Child Speculum

fenestrated 9 mm blades

E40-010

gentle spring tension of wire allows
routine infant child lid retraction

Alfonso, wire

Infant Child Speculum

fenestrated interlacing 5 and 8 mm blades

E40-008

fingergrips allow easy lifting of the speculum



Cook

Infant Eye Speculum

with set screw, 4 mm wide

E40-064 fenestrated

E40-074 solid blades

ideal for routine infant lid retraction



SPECIALITIES



for "Oriental Eyes"

modified version of popular eye speculae especially designed for oriental eyes

Barraquer, wire fenestrated 13 mm blades E40-013B

Oriental eyes are not only somewhat smaller than western eyes, they also have stronger lid muscles.

Kratz-Barraquer, wire open 13 mm wings E40-013K

Therefore PMS offers smaller (13 mm wide), but stronger versions of the Barraquer, Kratz- eye speculae and Jaffe eyelid retractor.

Jaffe, wire Eyelid Retractor Set closed 13 mm blades E40-013J

simple, effective, economical

LASIK Wire Speculum ideal for Cataract/Refractive surgery

E40-030A Alió, fenestrated 15 mm blades

E40-030D Durrie, 15 mm wings with olive tips

E40-030G Grene, 15 mm wings with spring

E40-030S Slade, large 20 mm wings for either eye

New

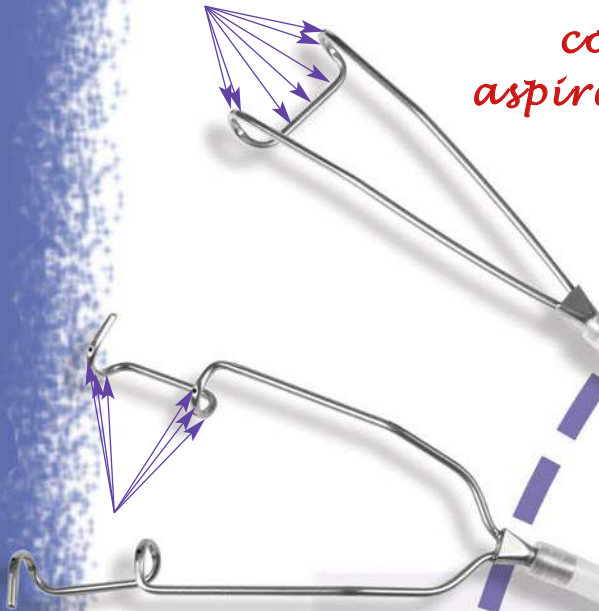


pictures are not actual size

SPECIALITIES



designed for continuous aspiration



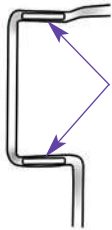
Jaffe, wire Aspirating Lid Retractor Set
7 ports closed 17 mm blade
E40-041A

Pannu-Kratz, wire Aspirating Speculum
6 ports open 15 mm blades
E40-033A

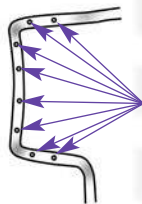
can be used with operating room suction or a 50 cc syringe

New

for improved fluid control



E40-100AL
Lieberman K-Wire, 4.5 mm long slit ports, open 15 mm blade

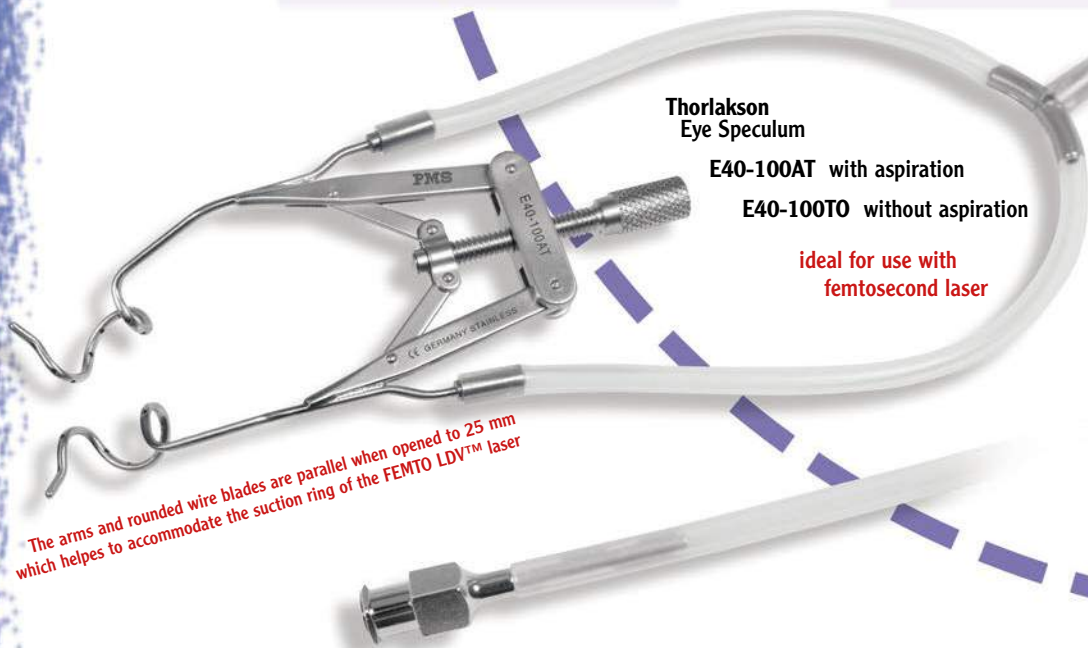


E40-100AT
Thorlakson, 8 ports open 12 mm blade



E40-100AC
Chu Reversible, 3 ports solid 15 mm blade

Centrally aligned aspiration ports allow the speculum to be used either nasally or temporally.



Thorlakson Eye Speculum
E40-100AT with aspiration
E40-100TO without aspiration

ideal for use with femtosecond laser

The arms and rounded wire blades are parallel when opened to 25 mm which helps to accommodate the suction ring of the FEMTO LDV™ laser

SPECIALITIES



*SuperDrainer for
Cataract/Refractive
Surgery*

This device has been designed to maintain a good field of operation by preventing excess fluids and particulate matter from stagnating in the deep-set-eye during cataract/refractive procedures.

In conventional aspirating speculum, the aspirating port faces the conjunctiva. Consequently, the conjunctiva is often aspirated during surgery and the port tends to become clogged. To solve this problems, aspirating speculum have several ports. But since some ports are open to the air, only air is aspirated, resulting in a reduction of the aspiration effect.

This new design provides the aspirating ports in a canteen-shaped vessel and can handle a large volume of fluid without the risk of occlusion by the conjunctiva and without aspirating air as long as there is fluid in the field.



Video available

他社にはない商品

designed by Dr. Syuji Maeda,
Maeda Ophthalmic Clinic, Aizuwakamatsu City, Japan



SuperDrainer Surgical Aspirator
complete, 400 mm long silicone
tubing with LL-adaptor
SP20340 large, 9 x 5 mm
SP20341 small, 7 x 5 mm

Patent No. 3006788

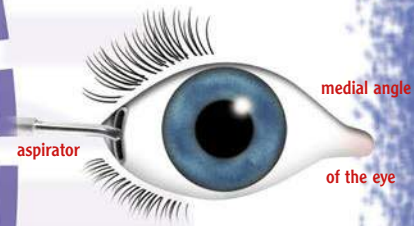
*We turn your good ideas
into reality.*

SuperDrainer Suction Speculum

E40-016A Markomanolakis
long suction tube with bevel blunt tip

E40-015A Maeda
short suction tube with silicone tip

large 3.5 mm bore suction tube
for effective drainage of excess
fluids and particulate matters



SuperDrainer inserted into the conjunctival sac of the eye ball

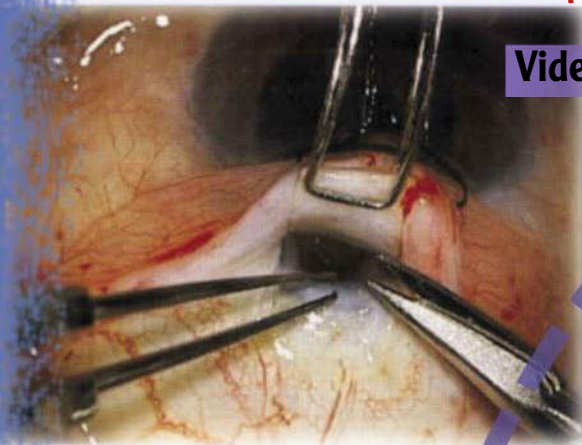


15 mm blades

SPECIALITIES



BENKEIKUN
Scleral Flap Retractor



Video available

designed by Prof. Ryouji Yamakawa, University of Kurume

It is not easy to insert a trabeculotome with one hand while holding the scleral flap with the other during a trabeculotomy, since the procedure often leads to early perforation if you are not accustomed to it. Benkeikun was designed to pull the scleral flap toward the cornea by simply securing the flap with a clip. This makes both hands available and will facilitate difficult manipulations during trabeculotomy. The visibility within the dissected scleral flap can be further improved by anchoring the retractor via traction suture to the drape. For more details: info@tmi-st.com.

Metric dimensions (mm)	
Weight	0.17g
Length	11
Width of jaws	3,5
Closing force	37,8 gms

Yamakawa
Scleral Flap Retractor
E40-050

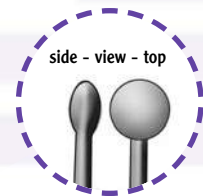


Spring design 0.17g wire construction features broad, parallel closing jaws with finely sandblasted inside surfaces for secure, atraumatic handling of the scleral flap and other delicate tissue. **Available on request: E30-774** Applying Forceps for Scleral Flap Retractor.

Tanna-Lieberman
Adjustable Eye Speculum
fenestrated 15 mm blades with
traction suture posts, 8.5 cm
E40-107



Blumenthal
Conjunctiva Dissector
straight 32 mm shaft, smooth
2x1.4mm biconvex tip, 13.0 cm
E15-214



designed to gently undermine and dissect the bleb pocket

Fechtner
Conjunctiva Forceps
delicate ring shaped tips
with tying platform, 10.5 cm

E30-241 stainless steel
E30-241T titanium



Luntz-Dodick
Trabeculectomy Punch
E40-995 all stainless steel
E40-995T titanium handle



more punches are shown on page 263

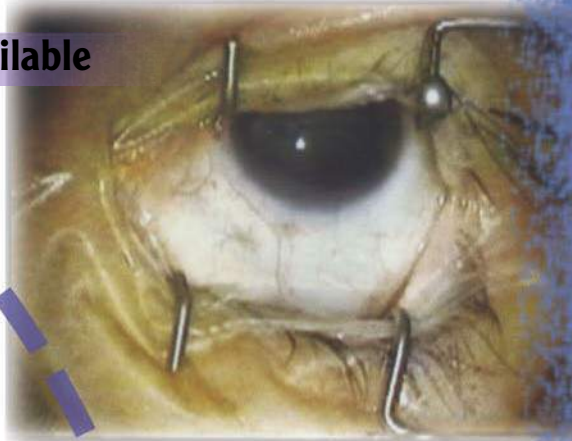
SPECIALITIES



**KINOKO -
Lid Retractor**

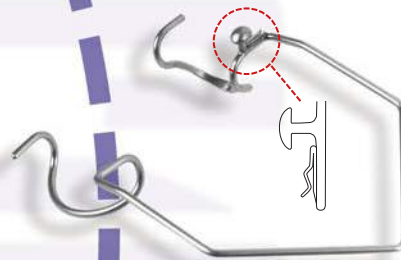
Video available

In the usual surgical procedures for glaucoma surgery, it is necessary to rotate the eyeball downward. However, the method of applying a suture to the superior rectus muscle placement causes pain. To solve this problem and to secure a wide surgical field, the author has designed an innovative new wire speculum to retract the eyelids as well as position the globe in preparation for a trabeculotomy procedure. It features a Kratz Style Wire Speculum for effective lid control and a notch, clip and mushroom shaped post for securing traction sutures. By anchoring directly to KINOKO rather than the drape the globe can be rotated for full exposure in a controlled fashion. A suture can be easily attached or detached. For more details: info@tmi-st.com.



designed by Syuji Maeda, MD,
Maeda Ophthalmic Clinic, Aizuwakamatsu City, Japan

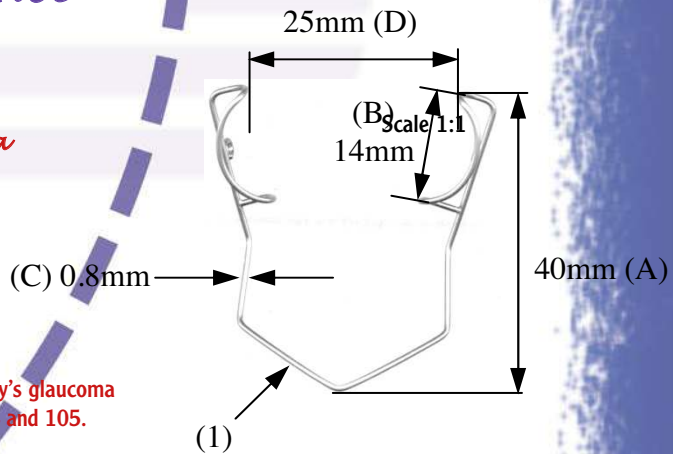
Kinoko
Triple Procedure Glaucoma Lid Retractor
open 13 mm deeply curved wings, one wing
with traction suture anchor post, clip and notch
E40-036R for right eye
E40-036L for left eye



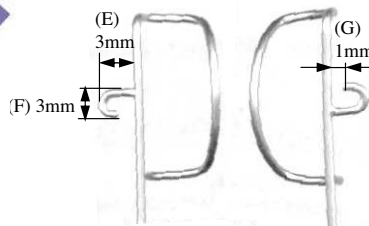
他社にはない商品

...be part of our experience

Maeda
Glaucoma Speculum
fenestrated 14 mm blades with
hooks for securing traction sutures
E40-039



other helpful instruments for today's glaucoma surgery are illustrated on page 104 and 105.

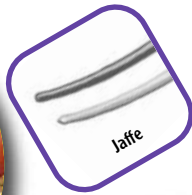


SPECIALITIES



...have micro-miniature *0.1 mm tips*
and *1x2 teeth of .06 mm* in height.

SPECIALITIES



Tying Forceps

smooth jaws with platform

KE55200 Jaffe, straight

KE55210 Jaffe, curved

McPherson Forceps

smooth jaws with platform

KE55000 straight, 5 mm

KE55010 angled, 5 mm

KE55030 angled, 7.5 mm, Kelman-

KE55049 angled, 10 mm, Bechert-

Suture Tying Forceps

1x2 straight 90° teeth with platform

KE52020 Jaffe-Bonn, 0.12 mm

KE52300 McPherson, 0.4 mm

Suturing Forceps

1x2 oblique 45° teeth with platform

KE52500 Castroviejo, 0.12 mm

KE52510 Castroviejo, 0.3 mm

KE51800 Pierce, notched 0.1 mm tips

Corneal Colibri Forceps

1x2 oblique 45° teeth of 0.12 mm

KE51900 Castroviejo, without platform

KE51902 Harms, with platform

Capsulorhexis Forceps

extremely thin 11 mm long straight shafts

*KE55081 Utrata, triangular grasping tips

*KE55083 Nevyas, cystotome shaped tips

KE55088 Jaffe, blunt ball shaped tips

*KE55084 Masket, curved shafts,
triangular tips

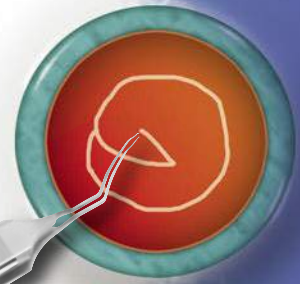
* also available on
ergonomic round handle, see page 251



at the Peak of Performance

- thin profile straight and curved 11 mm shafts
- triangular grasping tips to use as a cystotome
- laser lines on jaws to gauge capsulorhexis size
- flat fenestrated handle for controlled movement

curved and vaulted (Giannetti)



for MICS through 1.5 mm incision

Auffahrt
cross-action curved and vaulted shafts, (Giannetti type) fine pointed tips, 9.5 cm

cross-action design with stop pin control maximum spread and reduce the risk of stretching incision size.

New

- E30-598 flat serrated handle
- E30-599 round knurled handle



straight shaft (Utrata)

for standard phaco 2.5 mm + incision

- *E30-581 Utrata, triangular tips
- E30-581T Utrata, titanium
- *E30-585 Nevyas, cystotome shaped tips
- E30-585T Nevyas, titanium

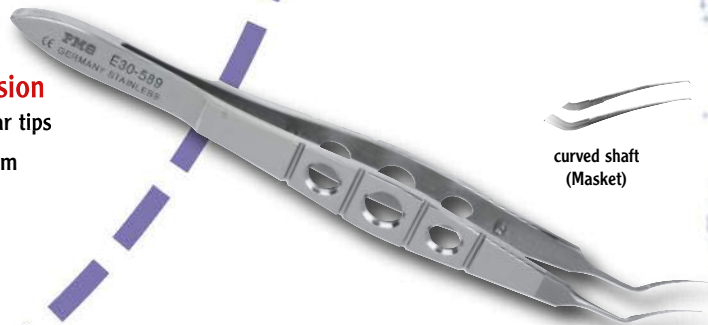


Capsulorhexis forceps on round knurled handle which "fit the fingers" are shown on page 251.

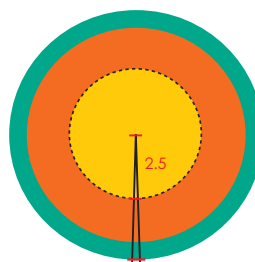
for 2.2 mm sub incision

- *E30-589 Masket, triangular tips
- E30-589T Masket, titanium

curved shaft (Masket)



dashed line is the intended capsulorhexis size of 5.0 mm



* also available with laser lines at 2.5 mm and 5 mm from the tip to gauge a precisely sized 5 mm capsulotomy

SPECIALITIES



This titanium range is a distinctive new concept of micro instruments, which **"fit the fingers"** to give the Ophthalmic Surgeon a better balanced control. The round bodied handle provides the ultimate in fingertip control and response and thus facilitates precise as well as controlled and fatigue-free working.

New



Thorpe



Kraff-Bonn



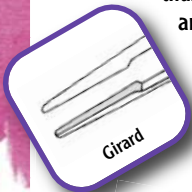
Maumenee-Colibri



Utrata straight



Masket curved



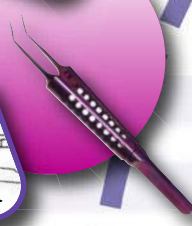
Girard



Maumenee



Kraff (Castroviejo)



Girard
Micro Tying Forceps
smooth 6 mm TC coated platform
with 0.3 mm micro tips, 10.4 cm

- TP30440 straight
- TP30441 curved
- TP30443 angled

Maumenee
Tying Forceps
V-groove 6 mm TC coated platform
with 0.5 mm delicate tips, 10.4 cm

- TP30466 straight
- TP30467 curved
- TP30469 angled

Thorpe
Corneal Fixation Forceps
extra delicate 2 x 3 teeth, 0.12 mm with
3.5 mm long TC coated platform, 9.5 cm
TP30236

Suture Tying Forceps
extra delicate 0.1 mm teeth
with TC coated platform, 10.4 cm

- TP30430 Kraff-Bonn straight 90° teeth
- TP30450 Kraff-Castroviejo oblique 45° teeth



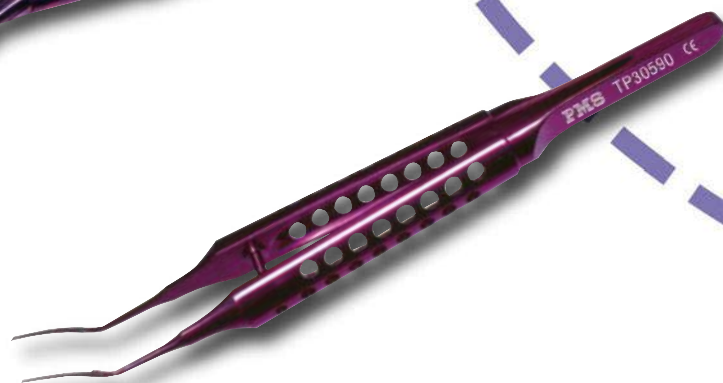
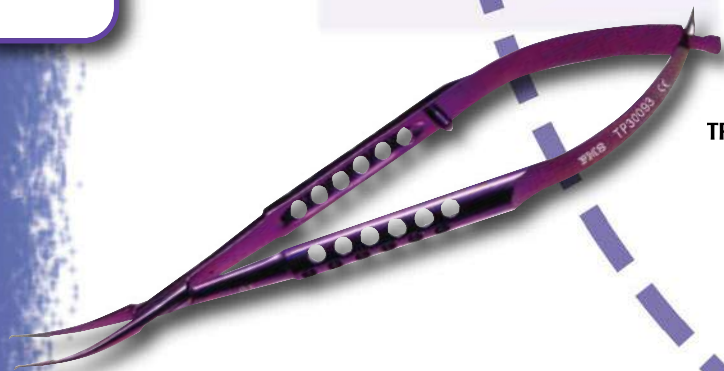
our tying and suture forceps have
Tungsten Carbide coated platforms

Maumenee
Colibri Corneal Forceps
extra delicate 0.1 mm teeth set at 45° with
TC coated 6 mm long platform, 10.4 cm

TP30093

Capsulorhexis Forceps
very thin 11.5 mm long shafts with
pointed grasping tips, 10.4 cm

- TP30583 Utrata straight shaft
- TP30590 Masket curved shaft



SPECIALITIES



Think pink !



TP15611

shafts angled 10 mm made of one-piece stainless steel



TP15613



TP15615

Micro Manipulators

(blow up of tips are shown on page 131)

- TP15561 Sinskey II Lens Manipulating Hook
- TP15565 Kuglen Iris and IOL Manipulator
- TP15423 Jaffe-Bechert Nucleus Rotator

Phaco Choppers

(for horizontal, vertical, quick chopping)

- TP15611 Nichamin, ball shaped 1,1 mm/90° edged tip
- TP15613 Phaconit Quick-Chop, pointed 1.3 mm long tip
- TP15615 Lens Crushing Knife, 1.5 mm cutting part

Capsulotomy Scissors

(delicate stainless steel blades with sharp tips)

- TP25400 Vannas, straight 5 mm blades
- TP25401 Vannas, curved 5 mm blades
- TP25411 Gills-Vannas, curved 8.5 mm
- TP25435 Stern-Gills, angled 10 mm blades

Other stainless-titanium scissors available

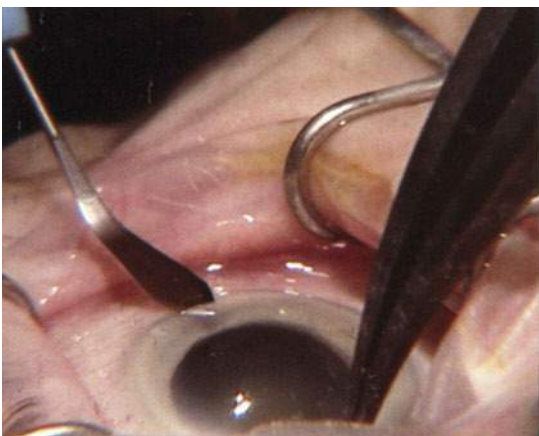
- TP25011 Castroviejo Micro Corneal, curved
- TP25070 Troutman Corneal Section, right
- TP25071 Troutman Corneal Section, left
- TP25315 Westcott Stitch, sharp tips
- TP25334 Westcott Tenotomy, blunt tips

Barraquer Micro Needle Holders

(delicate TC coated curved jaws, 0.4 mm tips)

- TP35201 w/o lock, 10.4 cm
- TP35203 with lock, 10.4 cm
- TP35251 w/o lock, 12.0 cm
- TP35253 with lock, 12.0 cm

Cataract Extraction



starts with an appropriately constructed 2.2 mm incision

PMS now offers a complete MSICS Set made of high grade stainless steel. It includes one each of the following instruments as well as an instrument sterilizing tray:

- E42-118 Manual Small Incision Cataract Set
- E40-100 Lieberman K-Wire Speculum, page 245
- E15-561 Sinskey II Angled Lens Hook, page 246
- E15-409 Barraquer Iris Spatula, vaulted, page 246
- E35-251 Barraquer Curved Needle Holder, page 241
- E30-093 Maumenee-Colibri Forceps, page 249
- E25-400 Vannas Straight Scissors, page 241
- E25-315 Westcott Stitch Scissors, page 241
- E30-567 Kansas Nucleus Fragment Forceps, page 101
- E30-581 Utrata Capsulorhexis Forceps, page 233
- E30-623 Blaydes Lens Holding Forceps, page 122
- E15-441 Kansas Lens Nucleus Loop (not shown)
- E30-902 Halstead Mosquito Forceps, page 266
- E20-300 Simcoe Original I/A Cannula, page 244
- E45-015 Instrument Sterilizing Tray, page 294

SPECIALITIES



French Style



Pinces à monofilament

(à plateaux de 6 mm, ultra affinés)

FS13241 de Tennant, droite

FS13243 de Tennant, courbe

Pinces de McPherson

(mors à plateaux ultra fins, coudée à...)

FS13265 de McPherson, ... 5 mm

FS13261 de Waring-, ... 7 mm

FS13242 de Bechert-, ... 11 mm

Pinces à sutures cornée

(à plateaux et micro dents de 0.1 mm face à face)

FS13160 de Bonn, modèle court, 7.5 cm

FS13161 de Bonn-Moria, branches courtes, 9.5 cm

FS13246 de Bonn-Kraff, branches longues, 11.0 cm

Pinces à fixation cornée

(dents obliques de 0.1 mm et plateaux pour fils)

FS13239 de Castroviejo-Waring, droite

FS13240 de Kraff-Moria, type colibri

FS13247 de Pierse, droite alvéolée 0.1 mm

Pinces pour implants pliables

(mors polis haute-finition coudée à...)

FS17151 de Buratto, biconvex, 9 mm

FS17161 de Crozafon, arrondis 11 mm

Pinces à capsulorhexis de 2.2 mm

(mors ultra fins, pointus et à plateaux)

FS17163 de Corydon, courbe

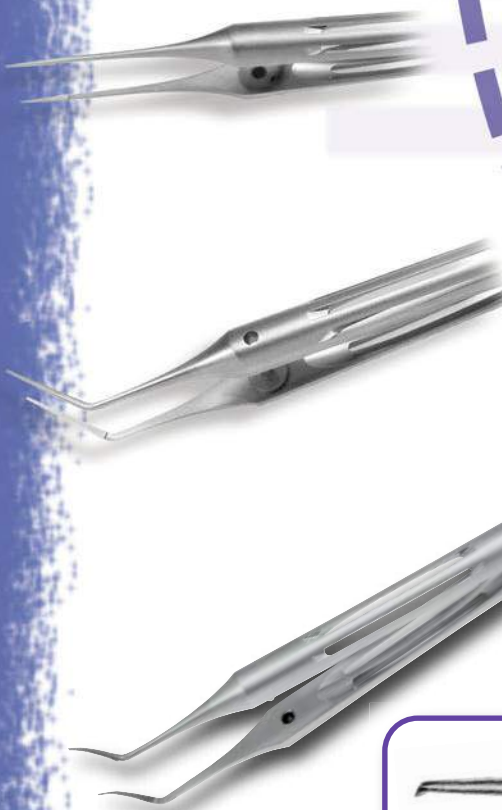
*FS18259 de Corydon, courbe

*FS17162 de Nevyas, droite

FS17160 d'Utrata, droite - mousse

FS17165 Giannetti, courbe

SPECIALITIES



*avec les lignes Laser 2.5 et 5 mm pour mesurer la capsulorhexis



d'autres micro ciseaux à cornée, conjonctive et ténotomie sont illustrés dans le catalogue général ophtalmologique PMS pages 59 et 248

Micro-ciseaux de Worst

(longues lames fines de 9 mm)

FS17000 courbes - mousses

FS17001 courbes - pointus

FS17005 demi-courbes - mousses

FS17005

FS17001

Micro-ciseaux de Vannas

(lames mousses très fines de 5 mm)

E25-402 droits

E25-403 courbes

Micro-ciseaux de Gills –

(lames pointues, affinées de 11 mm)

E25-430 Welsh, droits

E25-431 Welsh, courbes

E25-435 Aron-Rosa, coudés

Porte-aiguilles de Castroviejo

(mors standard de 11 mm x 1.2 mm, 14 cm)

E35-100 droite, sans verrou

E35-101 courbe, sans verrou

E35-102 droite, avec verrou

E35-103 courbe, avec verrou

photo échelle 0.8

Micro porte-aiguilles de Troutmann-

(mors ultra fins de 8 mm x 0.5 mm, 10 cm)

FS09911 O'Brien, droite, sans verrou

FS09960 O'Brien, courbe, sans verrou

FS09961 O'Brien, courbe, avec verrou

FS13244 Aron-Rosa, coudé, sans verrou

Micro porte-aiguilles de Barraquer

(mors fins de 9 mm x 0.7 mm, 12.5 cm)

FS07252 courbe, sans verrou

FS07253 courbe, avec verrou

FS09911

FS07252

FS13244

E35-101

SPECIALITIES



Tous les modèles sont aussi disponibles avec un manche en titane de couleur, s'il vous plaît vous référer à la page 242



Crochets manipulateurs à phaco

FS17157 de Crozafon à fourche horizontale

FS18039 de Arneodo, rond, bout mousse

FS18105 de Pisacano, bout olivaire

Micro-manipulateurs "Phaco Chop"

FS18210 de Koch 90°, "Stop & Chop"

FS18216 de Thibaut-Nagahara 60°, mousse

FS18219 de Nagahara 90°, mousse

FS18227 de Haefliger, main droite

FS18228 de Haefliger, main gauche

Crochets manipulateurs à LIO

FS13225 de Buratto-Sinsky 0.2 mm

FS13227 de Lester, "bouton de col"

FS13228 de Kuglen, "Push & Pull"



Tige et bout fabriqué d'un seul morceau d'acier inox, extrémités ultra fines, tige de 10 mm angulée

Spatules à iris

(extrémités ultra fines, coudés à 12 mm)

FS07820 de Barraquer, ronde et mousse

FS07825 de Barraquer, avec une petite boule



d'autres blépharostats sont illustrés dans le catalogue général ophtalmologique PMS pages 226-228 et 245

Blépharostats

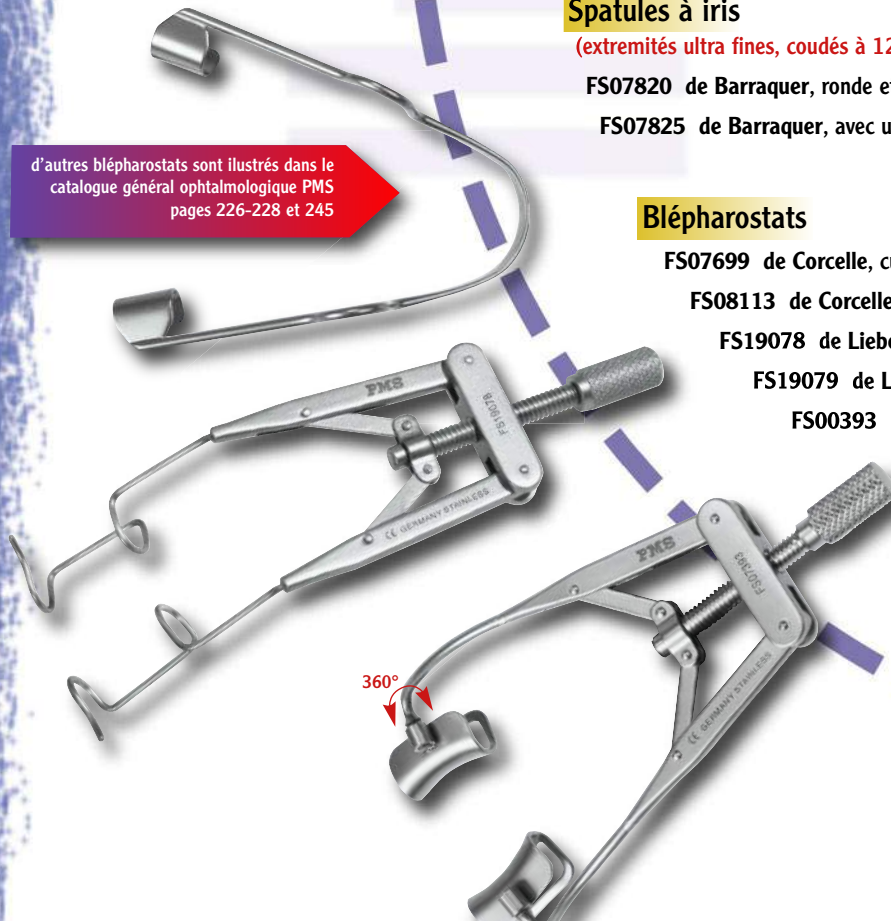
FS07699 de Corcelle, cuillers 8 mm

FS08113 de Corcelle-Legrand, cuillers 12 mm

FS19078 de Lieberman, anses 15 mm

FS19079 de Lieberman, anses 10 mm

FS00393 de Pley, cuillers 13 mm



SPECIALITÉS



Nouvelle gamme de canule pour aspiration avec embout silicone



IRRIGATION



ASPIRATION

Canule monobloc pour irrigation
avec terminaison mousse, prise femelle
(canule à 2 orifices sur le cotés de Ø 0.35 mm)

E20-427 22GA/Ø 0.7 mm
E20-428 21GA/Ø 0.8 mm
E20-429 21GA/Ø 0.8 mm, à irrigation en bout

Canule monobloc pour aspiration
avec terminaison rugueuse, prise mâle
(canule à orifice supérieur de Ø 0,35 mm)

E20-437 22GA/Ø 0.7 mm
E20-438 21GA/Ø 0.8 mm
E20-439 21GA/Ø 0.8 mm mousse

Manipulateur de noyau pour irrigation
(canule 20GA/Ø 0.9 mm, à 2 ports Ø 0.6 mm)

E20-480 de Neuhann, coudé à fourche



Manipulateur "Phaco Chop" pour irrigation
(canule coudée 20G/Ø 0.9 mm, à orifice en bout)

E20-482 Fine Quick-Chop, pointu
E20-485 Rosen 90°, arrandis
E20-486 Thibaut 60°, mousse
E20-489 Nagahara 90°, mousse



*Gamme de canule pour aspiration avec embout silicone

Pointe avec embout silicone	21GA/Ø 0.8 mm	23GA/Ø 0.65 mm
pointe courbe	E20-413	E20-423
pointe coudée 45°	E20-414	E20-425
embout en silicone	E20-415 b/5	E20-426 b/6
manche I/A	E20-400	E20-400

New

SPECIALITIES



Italian Design

Progettata per le migliori prestazioni, performance ottimali e precisione nel controllo di ogni procedura chirurgica.



Pinze serrafili

(con piani delicati da 6 mm)

ID3207.1 Tennant, retta

ID3207.0 Tennant, curva

Pinze serrafili, McPherson

(angolate, con piani da...)

ID3276.5 McPherson, ... 5 mm

ID3276.8 Buratto-, ... 7.5 mm

ID3276.1 Bechert-, ... 11 mm

Pinze corneali, Bonn

(con 1x2 denti retti da 0.12 mm e ppf)

ID3161.0 con manico corto, 7.5 cm

ID3272.4 con branche corte, 9.5 cm

ID3272.2 con branche lunghe, 11.0 cm

Pinze corneo-sclerali

(con 1x2 denti obliqui da 0.12 mm e ppf)

ID3272.8 Castroviejo, retta

ID3272.6 Savaresi-Colibri

ID3276.6 Janach-Colibri, denti retti

Pinze per piegamento IOL morbide

(angolate, con branche smusse e...)

ID2186.4 Buratto, biconvesse da 8 mm

ID2188.4 Crozafon, cilindriche da 11 mm

Pinze capsuloressi per MICS-MCCS

(angolate da 11 mm, apice acuto ...)

*ID3131.0 Corydon, dorso curvo

ID3131.1 Crozafon, dorso curvo

ID3133.0 Utrata, dorso retto

ID3135.1 Giannetti, dorso curvo



ID3133.0

con zigrinatura a 2.5 e 5.0 mm per la misura della capsuloressi



*ID3131.0



ID3135.1

con controllo di apertura 1.8mm

SPECIALITIES



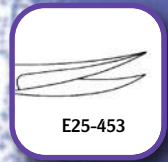
Forbici corneali sono disponibili su richiesta e illustrate nel nostro catalogo oftalmico a pagina 248



Forbici per iride e capsulotomia

(con lame acute e delicate da 5 mm)

- E25-400 Vannas, retta
- E25-401 Vannas, curva
- E25-405 Vannas, angolata
- E25-442 Ong, angolata da 9 mm



Forbici per capsulotomia

(con lame curve e sottili da 8 mm)

- E25-451 smussa
- E25-453 acuta



Forbici Tipo Westcott

(con lame curve e robuste da 12 mm)

- E25-315 acuta, per togliere i punti
- E25-334 smussa, per tenotomia
- E25-331 McPherson, per congiuntiva



Port'aghi congiuntivale/palpebrale

(con piani delicati da 10 x 1.0 mm, 14.0 cm)

- E35-130 Castroviejo, retto, senza arresto
- E35-131 Castroviejo, curvo, senza arresto
- E35-132 Castroviejo, retto, con arresto
- E35-133 Castroviejo, curvo, con arresto



Port'aghi per sutura corneale

(con piani molto delicati da 9 x 0.5 mm, 11.5 cm)

- E35-250 Troutman, retto, senza arresto
- E35-251 Troutman, curvo, senza arresto
- E35-253 Troutman, curvo, con arresto
- E35-231 Barraquer, curvo, 13.5 cm
- E35-233 Barraquer, curvo, con arresto

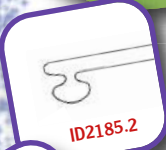
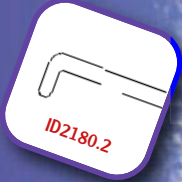


SPECIALTIES

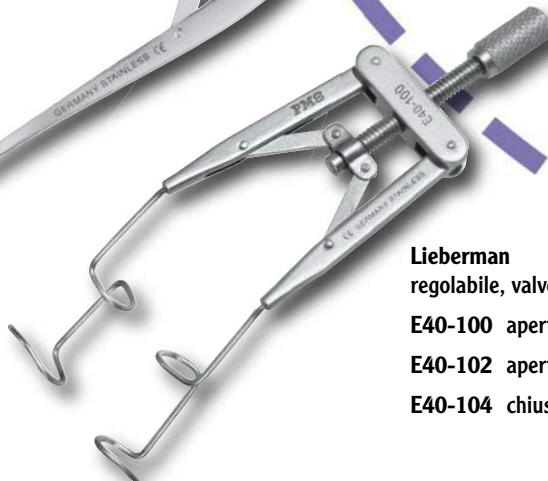
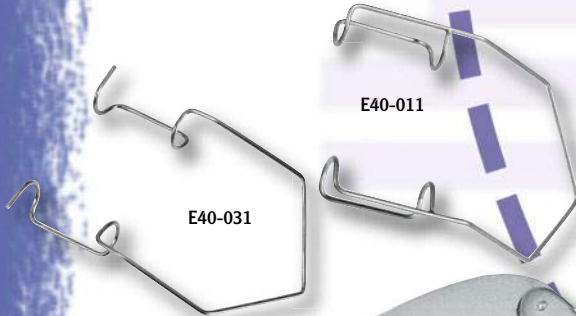


strumenti con manici in titanio colore

I manici sono disponibili anche in acciaio. Aggiungere la "S" al codice



punte in acciaio, angolate da 11 mm, con braccio: *retto - *curvo



Manipolatori del nucleo

(con manico colore viola)

*ID2192.2 Buratto, punta retta ad oliva

*ID2192.7 Ligabue, piatta bottonuta, sabbata

*ID2192.9 Drysdale, punta spatolata più sottile

Uncini-manipolatori per IOL

(con manico colore blu)

*ID2193.6 Osher, punta a "Y" verticale

*ID2193.1 Lester, punta push-pull

*ID2180.2 Sinskey, punta 0.2 mm

Phaco Chopper

(con manico colore rosa)

*ID2180.4 Rosen-Galan 90°, fronte arrotondato

*ID2180.6 Nagahara 60°, punta smussa

*ID2180.9 Nagahara 90°, punta smussa

Uncino da iride

(con manico colore giallo)

*ID2182.2 Bonn, punta 0.3 mm

*ID2185.2 Kuglen, punta push-pull

Spatole per iride

(con manico colore verde)

*ID2407.1 Barraquer, 10x0.5 mm

*ID2407.2 Troutman, 10x0.25 mm



Blefarostati

E40-011 Barraquer, valve da 15 mm

E40-012 Barraquer, valve da 10 mm

E40-031 Kratz-Barraquer, valve da 15 mm

E40-078 Castroviejo, valve da 16 mm

E40-079 Castroviejo, valve 13 mm

Lieberman regolabile, valve da 15 mm

E40-100 aperte tipo Kratz

E40-102 aperte a "V"

E40-104 chiuse

SPECIALTIES

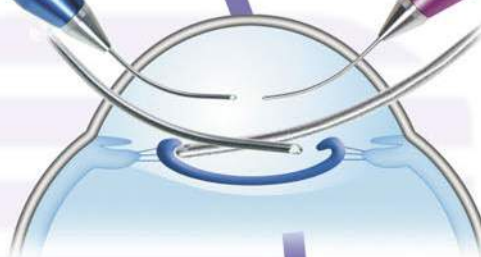


Sistema nuova coassiale I/A
per Irrigazione/Aspirazione

composto da manico e
punte intercambiabili



INFUSIONE



ASPIRAZIONE

Monopizzo per infusione di colore blu

(con cannula curva a 2 fori laterali Ø 0.35 mm)

E20-427 Ø 0.7 mm, punta smussa

E20-428 Ø 0.8 mm, punta smussa

E20-429 Ø 0.8 mm, foro frontale

Monopizzo per aspirazione di colore oro

(con cannula curva a foro superiore Ø 0.35 mm)

E20-437 Ø 0.7 mm, punta sabbata

E20-438 Ø 0.8 mm, punta sabbata

E20-439 Ø 0.8 mm, punta smussa

Manipolatore del nucleo irrigante

(20G/0.9 mm, a 2 fori laterali Ø 0.6 mm)

E20-480 Neuhann, punta a forcella



Phaco chopper irrigante

(20G/0.9 mm con infusione frontale)

E20-482 Fine Quick-Chop, punta acuta

E20-485 Rosen 90°, fronte arrotondato

E20-486 Thibaut 60°, punta smussa

E20-489 Nagahara 90°, punta smussa



*Gamma di punte intercambiabili per manici I/A coassiali

Punte p. sleeve silicone	21GA/0.8 mm	23GA/0.65 mm
Punta curva	E20-413	E20-423
Punta angolata 45°	E20-414	E20-425
Sleeve in silicone	E20-415 c/5	E20-426 c/6
Manico I/A	E20-400	E20-400

New

SPECIALITIES



POPULAR EYE INSTRUMENTS

100%  made

SPECIALITIES



**Bishop-Harmon
AC Irrigator System**

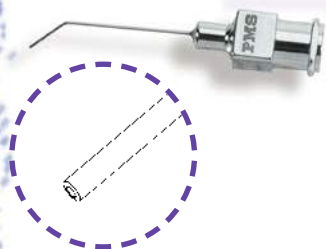
- E20-001 complete
- E20-002 silicone bulb
- E20-003 LL adaptor
- E20-004 19GA cannula



Simcoe

Double I and A Cannula
23/23GA x 15 mm long tube with
0.3 mm aspirating port and tubing kit

- E20-300 original model
- E20-301 reverse model



Rycroft

Air Injection Cannula
20 mm tube, angled 5 mm

- E20-030 30GA/0.3 mm
- E20-031 27GA/0.4 mm
- E20-032 25GA/0.5 mm



Schocket
Double Scleral Depressor
with pocket clip, 13.5 cm

- E40-613 stainless steel
- E40-613T titanium handle

Fine-Thornton
Phaco Fixation Ring
3/4 open swivel ring, 13 mm ID,
multiple teeth, 13.5 cm

- E10-513 stainless steel
- E10-513T titanium



Castroviejo

Eye Caliper, straight 0-20 mm scale
on either side in 1 mm increments

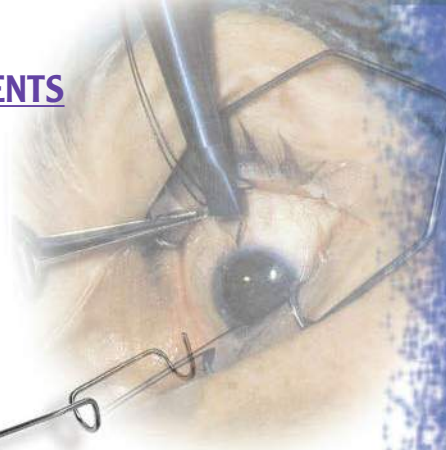
- E40-554 stainless steel
- E40-554T titanium

Maloney
Astigmatic Keratometer

E10-690T
for qualitative evaluation
of astigmatism



POPULAR EYE INSTRUMENTS



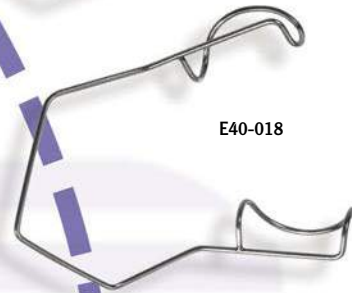
Barraquer, wire
E40-011 adult size, 15 mm
E40-012 child size, 10 mm



Kratz-Barraquer, wire
E40-031 adult size, 15 mm
E40-032 child size, 10 mm
E40-033 adult size, 15 mm
 heavy 1 mm wire



New Model, wire
 rounded 15 mm blades
E40-015 fenestrated, nasal side
E40-018 fenestrated, temporal
E40-034 open blades, temporal



Lieberman Style
 Temporal Eye Speculum
 open 15 mm blades, 8.5 cm
E40-100 K-wire model
E40-101 K-wire model, nasal side
E40-102 V-wire model
E40-104 solid blades



Desmarres
 Lid Retractor
 thin solid blade, 14.0 cm
E40-110 #0 11 mm blade
E40-111 #1 13 mm blade
E40-112 #2 15 mm blade



Kershner
 Reversible Speculum
 solid 14 mm blades, 7.7 cm
 for nasal and temporal approach
E40-105

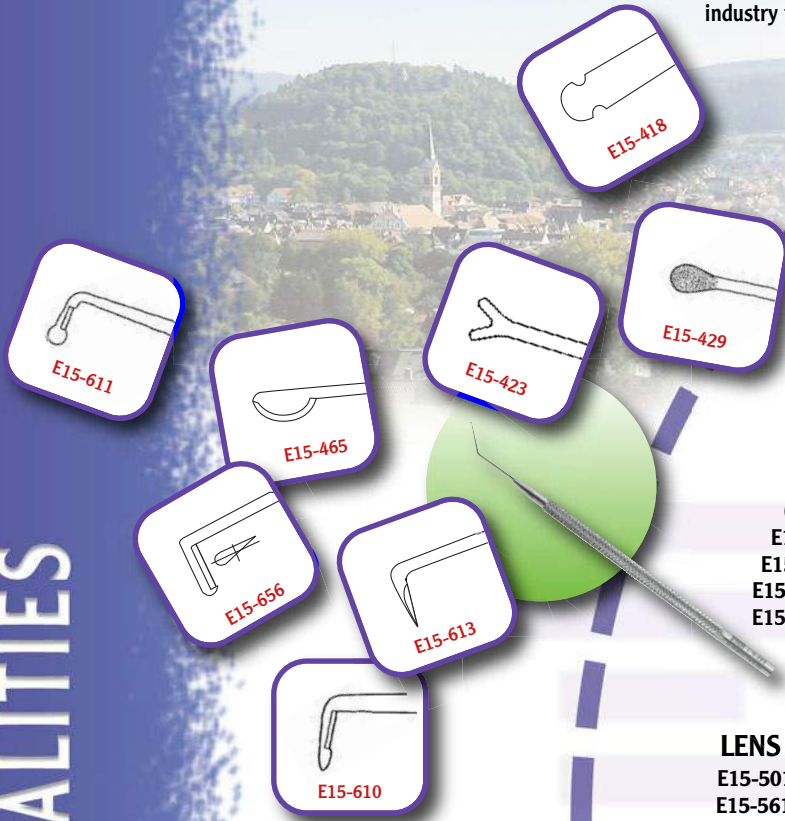


SPECIALTIES



... exclusively produced
in Tuttingen home of the instrument making
industry for almost 200 years

SPECIALITIES



NUCLEUS MANIPULATORS

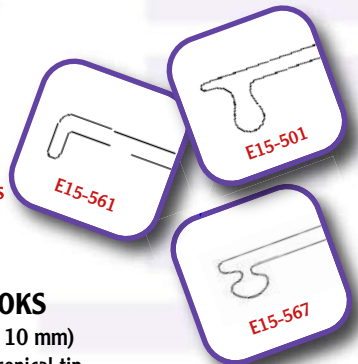
E15-418 Koch II, curved notched tip
E15-423 Jaffe-Bechert, angled forked tip
E15-429 Ligabue, vaulted flat/buttoned tip
E15-465 Drysdale, angled paddle shaped tip
very effective instruments to push, lift, rotate,
dissect and fracture nuclear and cortical material

PHACO SPLITTER & CHOPPERS

(wedge shaped tip with inferior cutting edge)
E15-611 Nichamin 90° ball shaped tip - horizontal
E15-656 Nagahara 60° blunt tip - horizontal
E15-659 Nagahara 90° blunt tip - horizontal
E15-613 Phaonit Quick-Chop, sharp tip - vertical
E15-610 Nagahara Karate, spear shaped tip - vertical
for horizontal, vertical and quick chopping

LENS MANIPULATORS

E15-501 Lester, "hour glass" tip
E15-561 Sinskey II, 0.2 mm tip
E15-567 Kuglen, "Push-Pull" tip
used to dial and position IOL's, to
retract iris; and for manipulations
in the anterior segment



shafts angled 10 mm from tips are made of
one-piece medical grade stainless steel

IRIS REPOSITORS & HOOKS

(round, smooth blade vaulted at 10 mm)
E15-408 Barraquer, 0.25 mm conical tip
E15-409 Barraquer, 0.5 mm cylindrical tip
E15-607 Bonn, 0.3 mm reverse curved tip
ideal for repositioning – push, retract
and retain – the iris during ECCE



**Graefe
Strabismus Hook**

E40-771 #1 small
E40-772 #2 medium
E40-773 #3 large





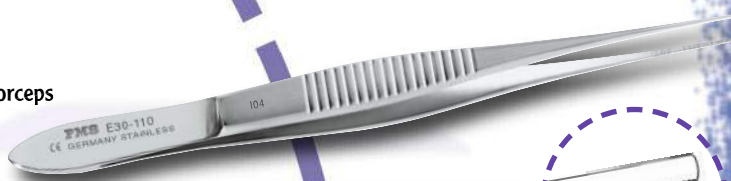
... hand-crafted
for hand use

Bishop-Harmon
Dissecting Forceps
straight, 8.5 cm
E30-100 criss-cross serrated
E30-103 0.3 mm teeth
E30-106 0.6 mm teeth



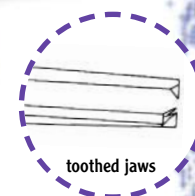
criss-cross
serrated

Dressing Forceps
straight, 10.0 cm
E30-110 0.5 mm
E30-112 0.7 mm
E30-114 1.0 mm



serrated jaws

Tissue Forceps
straight, 10.0 cm
E30-120 0.5 mm
E30-122 0.7 mm
E30-124 1.0 mm

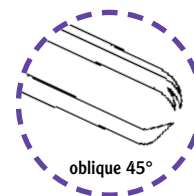


toothed jaws

Elschnig
Scleral Fixation Forceps
oblique 1 x 2 teeth, 10.5 cm
E30-244



Lester
Conjunctiva Fixation Forceps
straight, 0.6 mm, 9.5 cm
E30-232 1 x 2 teeth
E30-233 2 x 3 teeth



oblique 45°

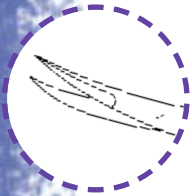


straight 90°

SPECIALITIES



Micro Corneal Scissors



Universal
Micro Corneal / Iris Scissors
straight 6 mm blades, 10.0 cm

- E25-002 sharp tips
- E25-004 sharp/blunt
- E25-006 blunt tips



curved 6 mm blades

- E25-003 sharp tips
- E25-005 sharp/blunt
- E25-007 blunt tips



Castroviejo

Universal Corneal Scissors
8 mm blades, blunt tips, 10.0 cm

- E25-011 slightly curved blades
- E25-013 medium curved blades
- E25-015 medium 12 mm blades



Troutman

Micro Corneal Section Scissors
curved 6 mm blades, 10.0 cm

- E25-062 right
- E25-063 left



Katzin

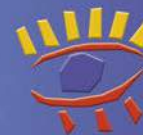
Micro Corneal Transplant Scissors
strong curved 6 mm blades, 10.0 cm

- E25-100 right
- E25-101 left

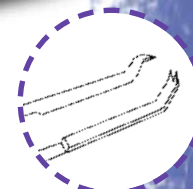
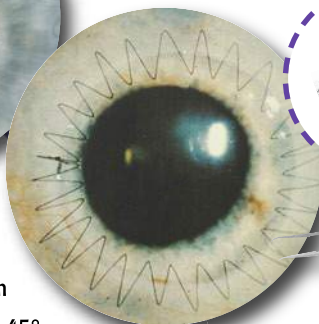
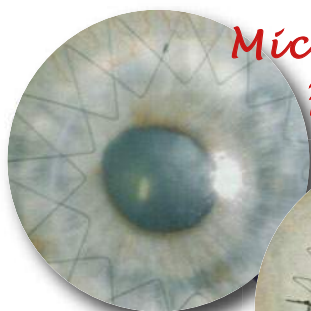


Micro Corneal Scissors with universal, right and left curved blades are ideal for wound enlargement and completion of trephine cuts

SPECIALITIES



Micro Corneal Forceps



Maumenee-Colibri
cross-action flat handle,
smooth 6 mm platform,
delicate 0.12 mm teeth

- E30-093 oblique 45°
- E30-094 straight 90°

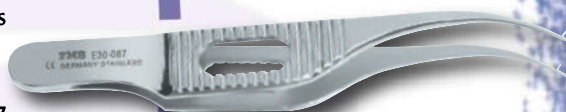
Harms-Colibri
smooth 6 mm platform,
oblique 1 x 2 teeth, 7.3 cm

- E30-081 0.12 mm
- E30-085 0.4 mm



Polack
Double Corneal Suture Forceps
U-shaped 1 mm spread, double tips with
1 x 2 teeth, 0.12mm/45°, 7.5 cm

E30-087



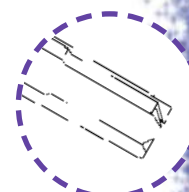
St. Martin's (Paufigue)
smooth 6 mm platform,
oblique 1 x 2 teeth, 8.7 cm

- E30-413 delicate, 0.3 mm
- E30-415 medium, 0.5 mm
- E30-418 heavy, 0.8 mm



Bonn
smooth 4 mm platform,
straight 1 x 2 teeth, 0.12 mm

- E30-410 short model, 7.2 cm
- E30-430 long model, 9.5 cm

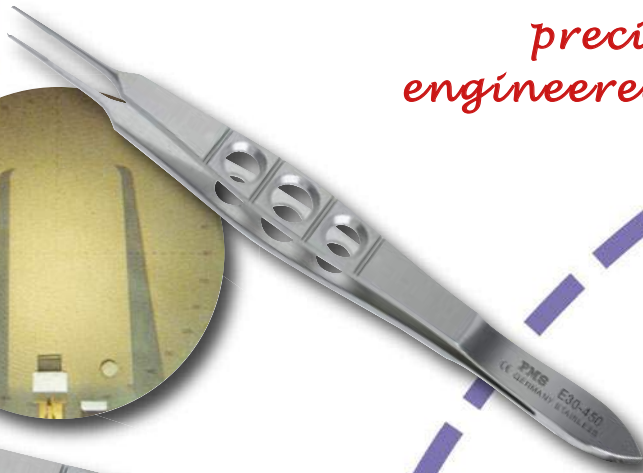
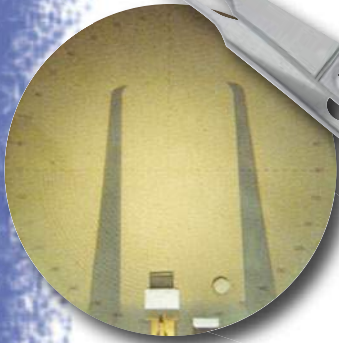


These forceps are ideal for manipulating delicate tissue, e.g. fixation of the corneal flap and continued suturing for cataract and corneal grafts.

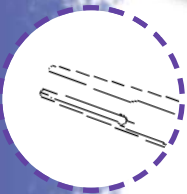
SPECIALITIES



*precisely
engineered ...*



Castroviejo
Suturing Forceps
smooth 6 mm platform,
oblique 1 x 2 teeth, 11.0 cm
E30-450 0.12 mm
E30-451 0.3 mm
E30-452 0.5 mm

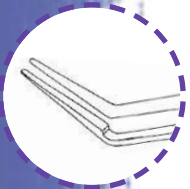


ideal ...



Jaffe
Micro Suture Tying Forceps
smooth 6 mm platform, 10.5 cm
E30-446 tying, straight
E30-447 tying, curved
E30-456 suture, 0.12 mm teeth

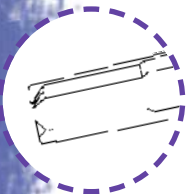
SPECIALITIES



for 8-0 to ...



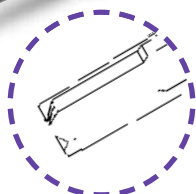
McPherson
Tying Forceps
smooth platform, 11.0 cm
E30-460 straight, 5 mm
E30-461 angled, 5 mm
E30-463 angled, 7.5 mm, Kelman-
E30-465 angled 10 mm, Bechert-



11-0 sutures



Troutman
Micro Suture Tying Forceps
smooth 6 mm platform, 10.0 cm
E30-428 tying, straight
E30-429 tying, curved
E30-438 suture, 0.12 mm teeth



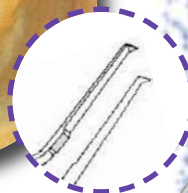
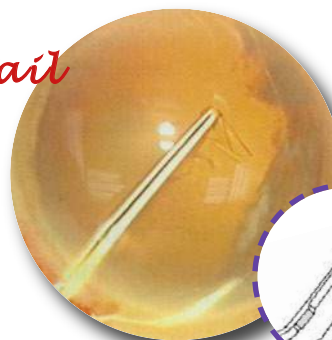
Tennant
Micro Suture Tying Forceps
smooth 6 mm platform, 10.0 cm
E30-448 tying, straight
E30-449 tying, curved
E30-458 suture, 0.12 mm

all forceps are also available in lightweight,
durable titanium, when ordering please add
"T" to end of catalog number

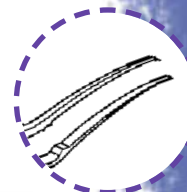


... to every detail

**Thin-profile angled and vaulted
11 mm shafts on round knurled
handle, which "fit the fingers"
for the best control and
surgical manoeuvres.**



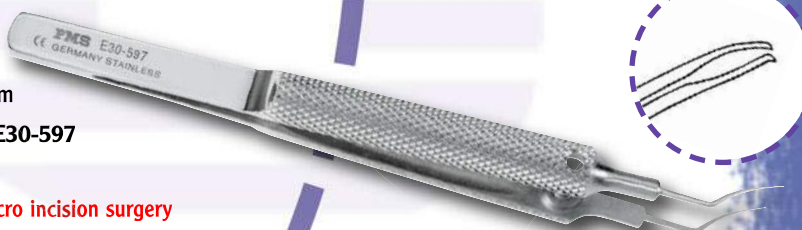
Utrata
Capsulorhexis Forceps
angled 11 mm shafts,
triangular tips, 10.0 cm
E30-583
E30-583T titanium



Masket
Capsulorhexis Forceps
vaulted 11 mm shafts,
triangular tips, 10.0 cm
E30-590
E30-590T titanium

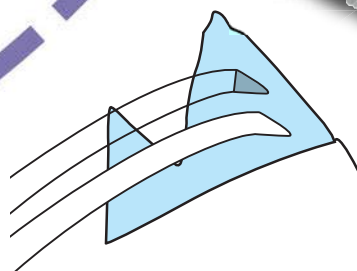


Giannetti 1.8 mm
MICS Capsulorhexis Forceps
vaulted and curved 11 mm shafts,
fine pointed grasping tips, 10.0 cm
E30-597



ideal for CCC during micro incision surgery

Inamura Style 1.5 mm
MICS Capsulorhexis Forceps
very thin vaulted 13 mm shafts,
ultra fine pointed tips, 12.0 cm
E30-591 stainless steel
E30-591T titanium



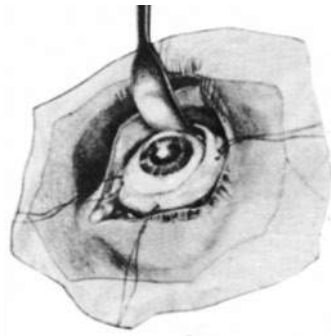
**Thin-profile shafts with ultra fine grasping tips
for best control and surgical manoeuvres.**

SPECIALITIES



STRABISMUS INSTRUMENTS

all instruments are also available in light weight, durable titanium, when ordering please add "T" to end of catalog number



Featured is a selection of extra delicate Muscle Hooks, multi-purpose "Teaser" and "Finder" Hooks and Tissue Retractors with thin spatulated blades for more delicate – less trauma – better results strabismus surgery.

Helveston Style Strabismus Instruments

E40-790 "Teaser" Hook, conical 6 mm long tip

E40-791 Muscle Hook, delicate blunt tip, 8 mm

E40-792 Muscle Hook, delicate blunt tip, 10 mm

E40-793 Muscle Hook, delicate blunt tip, 12 mm

E40-795 "Finder" Hook, cone shaped tip, small

E40-796 "Finder" Hook, large

The Micro Tissue Retractor

are designed for opening and closing of the conjunctiva; scleral suture placement, dissection of the scleral, and vitreo retinal procedures. The broad 11 mm wide model is also useful in orbital, plastic and strabismus surgery.

Micro Tissue Retractors
curved thin blade

E40-807 7 mm wide

E40-809 9 mm wide

E40-811 11 mm wide

Scleral Marking Ruler, titanium
curved 15 mm blade with 1 mm increments,
single tooth at the tip and a notch
at 5 mm and 10 mm

E40-557T

Helveston Tying Forceps
straight plain jaws
for 4-0 to 6-0 sutures

E30-426

Smooth jaw forceps are ideal for fine suturing.

Fine Micro Tying Forceps
curved plain jaws
for 7-0 to 9-0 sutures

E30-427

E42-132 Delicate Strabismus Surgery Set
consisting of 1 each or (x) instruments:

E30-902 Halstead Mosquito Forceps (2x), page 266

E30-934 Dieffenbach Serrefine, straight (2x), page 266

E40-104 Lieberman Eye Speculum, solid blades, page 245

E40-807 Helveston Micro Tissue Retractor, curved 7 mm blade

E40-809 Helveston Micro Tissue Retractor, curved 9 mm blade

E40-811 Helveston Micro Tissue Retractor, curved 11 mm blade

E40-790 Helveston "Teaser" Hook, conical 6 mm long tip (3x)

E40-795 Helveston "Finder" Hook, small, cone shaped tip

E40-796 Helveston "Finder" Hook, large, cone shaped tip

E40-791 Helveston Muscle Hook, blunt 8 mm tip

E40-792 Helveston Muscle Hook, blunt 10 mm tip

E40-793 Helveston Muscle Hook, blunt 12 mm tip

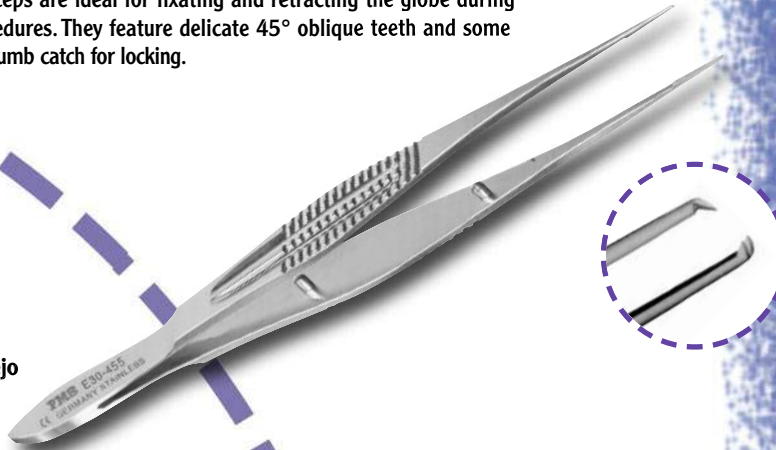
E40-557T Scleral Marking Ruler, curved 15 mm blade

SPECIALITIES



These wide handle forceps are ideal for fixating and retracting the globe during strabismus procedures. They feature delicate 45° oblique teeth and some have a thumb catch for locking.

Castroviejo
Fixation Forceps
1 x 2 teeth, 10.8 cm
E30-453 0.3 mm
E30-455 0.5 mm



Stern-Castroviejo
Fixation Forceps
1 x 2 teeth, 0.5 mm, with
thumb lock catch, 10.8 cm
E30-214 stainless steel
E30-214T titanium



Moody
Fixation Forceps
1 x 2 teeth, 0.5 mm, with
thumb lock catch, 11.0 cm
E30-216 right
E30-217 left

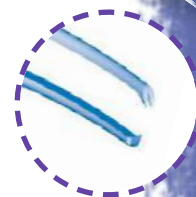


Helveston, titanium
Fixation Forceps
1 x 2 teeth, 0.6 mm, with
thumb lock catch, 11.8 cm
E30-213T



E42-132 Strabismus Set continued...

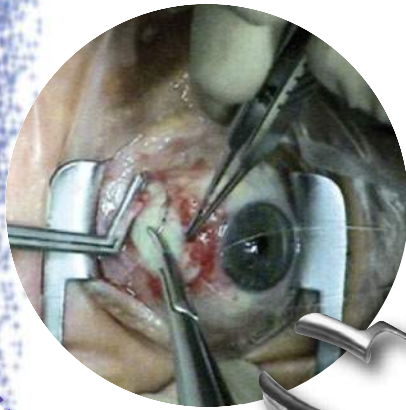
- E40-554 Castroviejo Eye Caliper, page 244
- E25-315 Westcott Stitch Scissors, page 241
- E25-334 Westcott Tenotomy Scissors, page 241
- E30-233 Lester Fixation Forceps (3x), page 247
- E30-456 Jaffe-Bonn Suturing Forceps, page 250
- E30-216 Moody Fixation Forceps, right, page 253
- E30-217 Moody Fixation Forceps, left, page 253
- E30-426 Helveston Tying Forceps (2x), straight, page 252
- E35-132 Castroviejo Needle Holder, straight, page 241
- E35-233 Barraquer Needle Holder, curved, page 241
- E20-001 Bishop-Harmon AC Irrigator System, page 244
- E10-003K Chuck Handle #3K, 10.0 cm, page 18
- E10-069 Miniature Edged Blade #69, page 18



SPECIALITIES



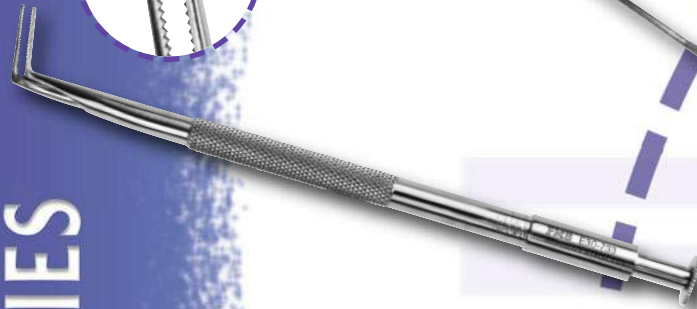
INSTRUMENTS FOR MUSCLE RESECTION



Putterman, titanium
6 Pins Muscle Resection Clamp
 24 mm wide blades with 3 pins on top and 3 pins on bottom, 3 aligning holes on both jaws, with thumb slide lock, 9.5 cm
E30-736T



Bangerter
Eye Speculum
 solid blades, with locking screw
E40-066 child size, 11 mm
E40-067 adult size, 15 mm

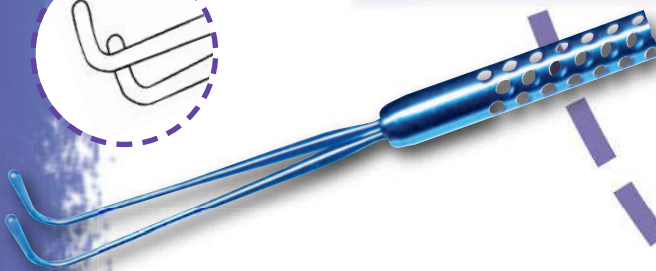


Apt's, titanium
Muscle Resection Clamp
 angled 77° shafts with 11.5 mm long tips, tongue-and-groove jaws with serrations, marked for 2, 4 and 6 mm openings
E30-732 short 80 mm handle
E30-733 long 105 mm handle

designed for use during a Muller's muscle-conjunctival resection ptosis procedure

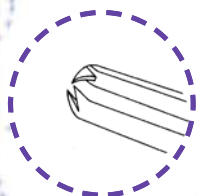


Wright, titanium
Recession Grooved Muscle Hook
 angled 14 x 2.5 mm hook, 14.0 cm
E40-784T right
E40-785T left



Wright, titanium
Recession Double Muscle Hook
 angled 11.5 mm working part, 14.0 cm
E40-786T

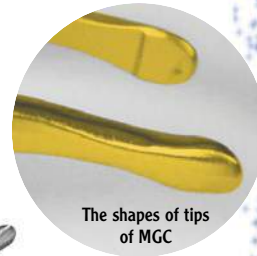
Troutman
Superior Rectus Forceps
 angled 10 mm shafts, oblique 1 x 2 heavy teeth, 10.7 cm
E30-223



SPECIALITIES



Drainage is the treatment procedure of choice



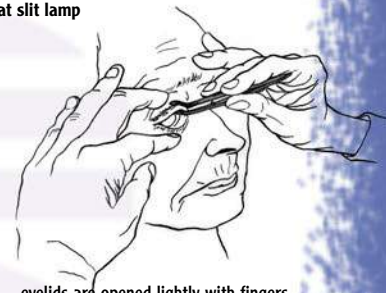
The shapes of tips of MGC

Yoshitomi
Meibomian Gland Compressor (MGC)
angled curved jaws with smooth surfaces, 8.5 cm
E30-827 stainless steel
E30-827T titanium, blue
E30-827G titanium, gilded



Video available

MGC at slit lamp



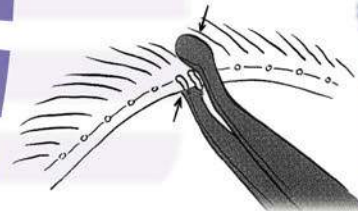
eyelids are opened lightly with fingers

This instrument was invented by Fumiaki Yoshitomi, MD, to drain meibum from dysfunctional meibomian glands (MGD) effectively.

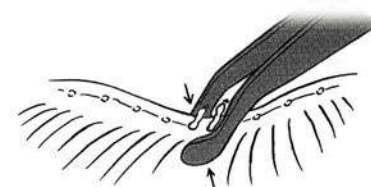
Under topical anesthesia, the eyelids are opened lightly with fingers. Then with the Meibomian Gland Compressor, the affected lid margin is gently squeezed at its anterior and posterior surface to express meibum from dysfunctional meibomian glands (MGD).

The special angles of the MGC allow the surgeon to easily insert and position the tips over the eyelid parallel to the lid margin. The broad, smooth jaws are then used to atraumatically compress the glands – relieving any occlusions with minimal pain to the patient.

MGC is user friendly and allows treatment of both upper eyelid or lower eyelid and working from either a temporal or nasal approach. Due to the curvature of the jaws, surgeon can keep his/her comfortable position during the procedure.



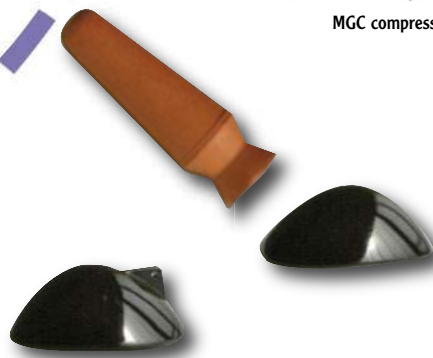
MGC squeezing the upper lid



MGC compressing the lower lid

Protective Eye Shell

for lid surgery with suction cup, autoclavable, available on request: with and without handle



SPECIALTIES



LID-CONJUNCTIVA/PTOSIS INSTRUMENTS

SPECIALITIES



Berke Ptoisis Forceps
 +E30-832 20 mm long
 E30-833 27 mm long



Desmarres Chalazion Forceps
 +E30-821 20 mm
 E30-822 26 mm



Jaeger Lid Plate
 metal, 11.0 cm
 +E40-128



Wright Fascia Needle
 with 1 mm by 6 mm oval hole, 13.0 cm
 may be used with *Ptose-Up*
 E40-991

images are not actual size

E42-131 LID-CONJUNCTIVA/TRICHIASIS-PTOSIS SET

consisting of 1 each or (x) instruments:

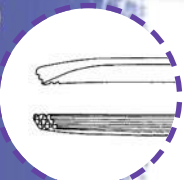
- E20-001 Bishop-Harmon Irrigator, page 244
- E30-902 Halstead Mosquito (2x), page 266
- E30-909 Backhaus Towel Clamp (2x), page 266
- E40-361 Kuhnt Scarifier #1, 12.0 cm, page 265
- E25-566 Stevens Tenotomy Scissors, page 261
- E25-532 Eye Scissors, straight, sh/bl tips, page 262
- E25-315 Westcott Stitch Scissors, curved, page 241
- E25-334 Westcott Tenotomy Scissors, curved, page 241
- E40-554 Castroviejo Eye Caliper, 0-20 mm, page 244
- E40-111 Desmarres Lid Retractor #1=11 mm, page 245
- E40-112 Desmarres Lid Retractor #2= 13 mm, page 245
- E40-772 Graefe Strabismus Hook, medium, page 246
- E40-451 Meyhoefer Chalazion Curette #1, page 257
- E40-453 Meyhoefer Chalazion Curette #3, page 257
- E30-106 Bishop Harmon Tissue Forceps, page 247
- E30-451 Castroviejo Suture Forceps, page 250
- E30-427 Fine Tying Forceps, curved, page 252
- E30-827 Yoshitomi MGC Forceps, page 255
- E35-131 Castroviejo Needle Holder, page 241
- E35-231 Barraquer Needle Holder, page 241
- E40-811 Helveston Tissue Retractor, page 252
- E40-812 Knapp Retractor 4-prong, page 262

+ instruments illustrated



Bonaccolto Conjunctiva Forceps
 longitudinally serrated 1.2 mm jaws
 with cross serrations at tips, 10.3 cm

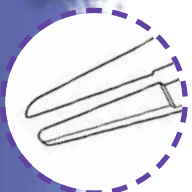
+E30-238



popular



Barraquer Cilia Forceps
 angled jaws with platform, 11.0 cm
 E30-773



non-toothed

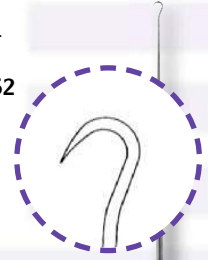


Nugent Utility Forceps
 angled jaws, 11.0 cm

E30-286 smooth
 E30-287 serrated



forceps

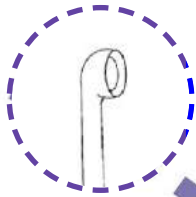


Gillies Skin Hook
 single end sharp, 17.0 cm

+E40-754 small
 E40-756 large

CHALAZION INSTRUMENTS

PMS



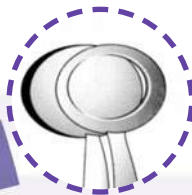
Meyhoefer
Chalazion Curettes, round,
cup-shaped sharp spoon, 12.5 cm
E40-450 #0 = 1.5 mm
E40-451 #1 = 1.8 mm
E40-452 #2 = 2.0 mm
E40-453 #3 = 2.5 mm
E40-454 #4 = 3.5 mm



Lambert
8 mm ID
*E30-808



Hunt
12 mm ID
*E30-812



Francis
14x11 mm ID
*E30-814

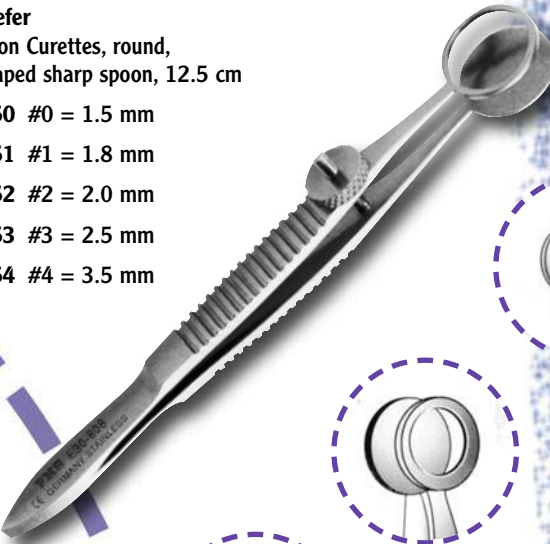
*on request also
available in titanium

E42-130 CHALAZION SURGERY SET

- complete, consisting of 1 instrument each:
E40-128 Jaeger Lid Plate, metal, page 256
E40-450 Meyhoefer Curette #0, page 257
E40-452 Meyhoefer Curette #2, page 257
E40-453 Meyhoefer Curette #3, page 257
E40-454 Meyhoefer Curette #4, page 257
E25-532 Eye Scissors, sh/bl tips, page 262
E40-203 Scalpel Handle #3, 12.5 cm page 261
E40-215 Scalpel Blade #15, sterile, page 261
E30-385 Moorfield's Forceps, fine, page 257
E30-349 Lister's Conjunctiva Forceps, page 257
E30-812 Hunt Chalazion Forceps, page 257
E30-814 Francis Chalazion Forceps, page 257
E35-131 Castroviejo Needle Holder, page 241
E45-015 Instrument Sterilizing Tray, page 294



Chalazion Forceps
round and oval
plates



Jayle's

Corneal Suture Forceps
smooth platform with
oblique 1 x 2 teeth, 10.5 cm
E30-341 0.15 mm
E30-343 0.3 mm
E30-347 0.7 mm



popular

Lister's

Conjunctiva Suture Forceps
longitudinally serrated jaws,
heavy 1.2 mm teeth, 10.0 cm
E30-348 oblique 45° teeth
E30-349 straight 90° teeth



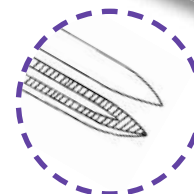
English pattern

Moorfield's Conjunctiva Forceps

with serrations and groove
E30-385 fine, 10.0 cm
E30-386 standard, 10.7 cm



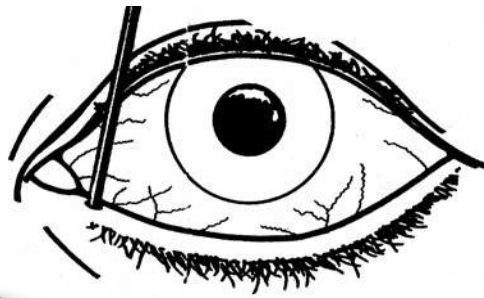
forceps



SPECIALTIES

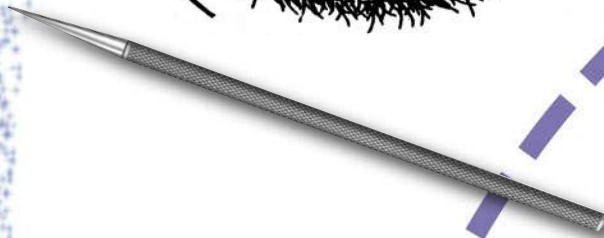


LACRIMAL DILATORS & PROBES



Castroviejo
double ended, delicate
and fine taper, 12.5 cm

E40-896



Ruedemann
extra fine #0 tip, 8.0 cm

E40-888



Wilder
blunt tip, 10.8 cm

E40-891 #1 delicate, 25 mm taper

E40-892 #2 medium, 21 mm taper

E40-893 #3 heavy, 13 mm taper

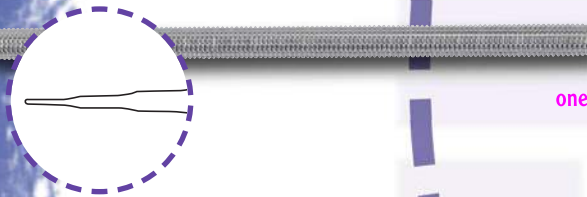
size scale of lacrimal dilators tips

fig.	0	1	2	3
mm	0.3	0.4	0.5	0.6

Sisler
Punctum Dilator
graduated shaft with blunt tip beveling from
0.35, 0.9, 1.4 to 1.9 mm OD, 9.5 cm

E40-894

one tip does the complete dilating procedure



size scale of lacrimal probe tips

fig.	0000	000	00	0	1	2	3	4	5	6
ø mm	0.5	0.6	0.7	0.8	0.9	1.1	1.3	1.4	1.5	1.6

Bowman
double ended, bulbous tip

E40-861 #0000&000

E40-862 #00&0

E40-863 #1&2

E40-864 #3&4

E40-865 #5&6

E40-866 #7&8

E40-860 set of 6



Liebrich
double ended, cylindrical tip

E40-851 #0000&000

E40-852 #00&0

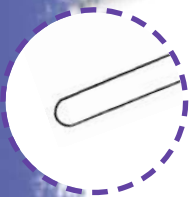
E40-853 #1&2

E40-854 #3&4

E40-855 #5&6

E40-856 #7&8

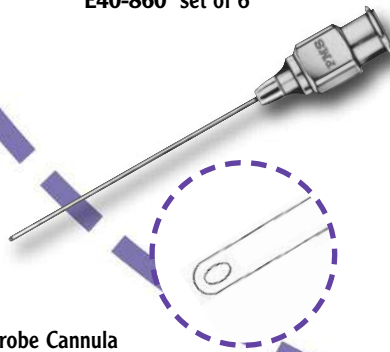
E40-850 set of 6



Bangerter
Lacrimal Probe Cannula
23G/0.6 mm OD straight tube
with large 0.6 x 0.3 mm oval side port

E20-646 40 mm

E20-647 60 mm



SPECIALITIES



simple and effective

CRAWFORD INTUBATION SYSTEM

includes 2 straight 150 mm probes with knob tip of 23G/0.7 mm OD attached to 320 mm silicone tube

Reusable (non-sterile)

E40-916 Probe Set

E40-917 Retrieval Device

E40-918 System with retrieval device

Disposable (sterile packaged)

51-917 Retrieval Device (box of 5)

51-918 System with retrieval device (box of 1)

retrieval device is designed to grasp knob-tip of probe for ease of removal from the inferior meatus.

DCR BODKINS

20 G/0.9 mm OD x 45 mm long pobe attached to 400 mm silicone tube

E40-924 straight, reusable, 1 piece

E40-923 angled, reusable, 1 piece

51-922 straight, disposable, box of 3

51-923 angled, disposable, box of 3

QUICKERT

Lacrimal Intubation Probe malleable stainless steel, 11.0 cm, one end has 0.4 mm taper point, one end has cylindrical tip of size:

E40-839 #00/0.7 mm

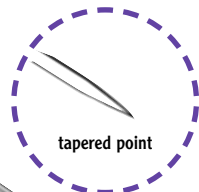
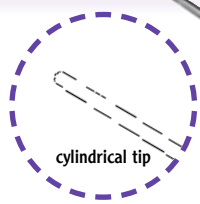
E40-840 #0/0.8 mm

E40-841 #1/0.9 mm

E40-842 #2/1.1 mm

E40-843 #3/1.3 mm

E40-844 #4/1.4 mm



SPECIALITIES

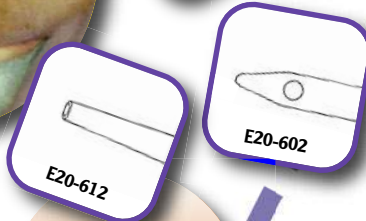
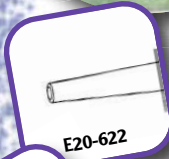
Probes are made from malleable stainless steel with blunt ends. Machined to assure a smooth transition and secure bonding between probe and silicone tubing. Silicone tube swaged to probe.



LACRIMAL CANNULAE

Cannulas are uniquely designed for their special application; atraumatic irrigation of the punctum or lacrimal duct, for punctal dilation and irrigation of the nasolacrimal system.

SPECIALITIES



Galezowski
23G/0.6mm OD x 11mm
blunt tip with end opening

E20-600 straight
E20-601 curved

Shahinian
23G/0.6mm OD x 11 mm straight tube,
bullet-shaped tip with 0.3 mm side port
E20-602

Labarre
25G/0.5mm OD x 30 mm tube, tip
is tapered to 0.3 mm, end opening

E20-612 straight
E20-613 short angled
E20-615 long angled
E20-617 long curved
(on demand also available in sterling silver)

Anel
23G/0.6mm OD x 10 mm
reinforced tip with end opening

E20-622 straight
E20-623 curved 90°

Reinforced
19G/1.1 mm OD x 22 mm tube,
reinforced tip of 23G/0.6 mmx10 mm

E20-630 straight
E20-631 curved

West
23G/0.6mm OD x 28 mm tube,
blunt tip with 0.3 mm diameter

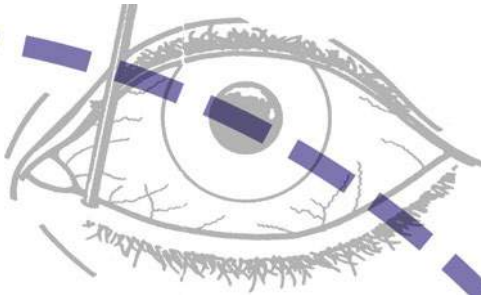
E20-642 straight, side port
E20-643 curved, bottom port
E20-645 curved, front port

Gauge	ID (in)	ID (mm)	OD (in)	OD (mm)
23g	.013	.33	.025	.60
25g	.010	.25	.020	.50

*ideal for smooth control
of irrigation during
lacrimal duct
surgery*



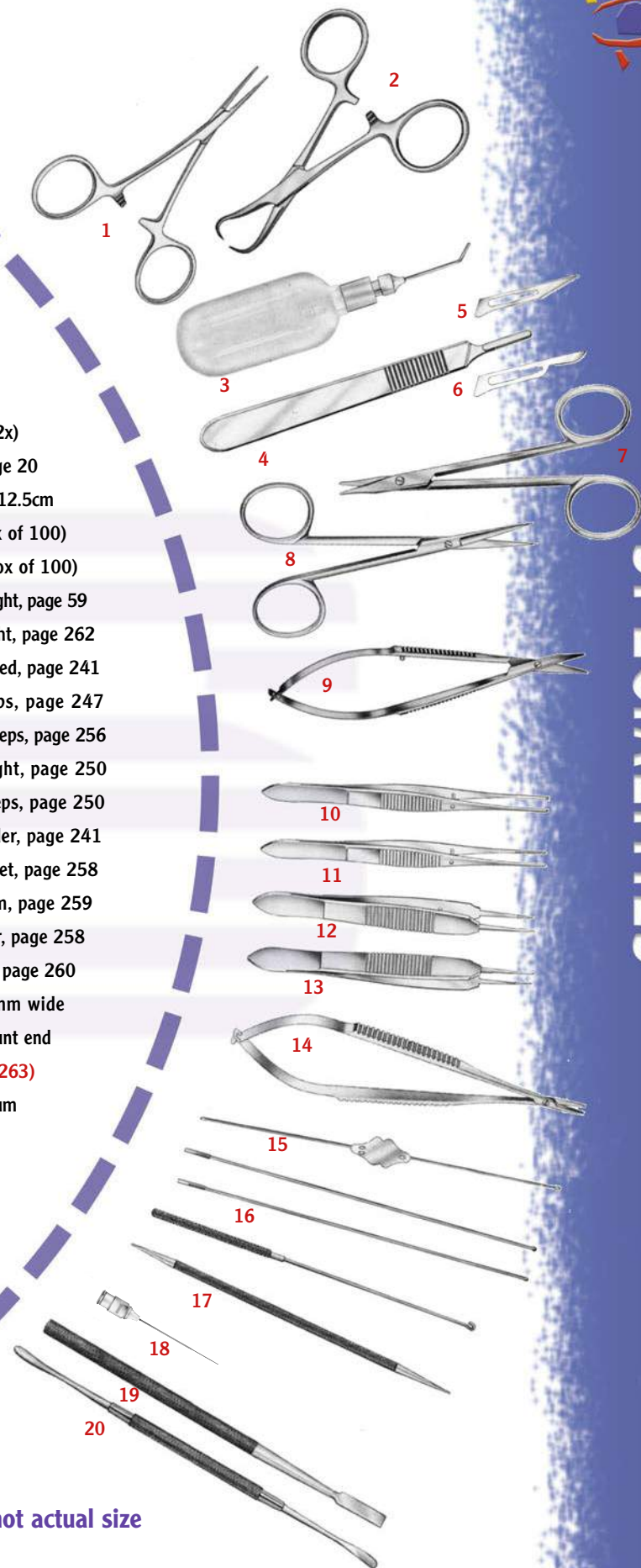
Irrigating Syringe
5 ml with Luer-Lock cone
E20-805 all glass, reusable
300-05SP plastic, disposable, sterile box of 10



E42-133 LACRIMAL SURGERY INSTRUMENT SET
(for Dacryocystorhinostomy and Intubation)

complete, consisting of 1 each or (x) instruments

- 1 E30-902 Halstead Mosquito Forceps (4x)
 - 2 E30-909 Backhaus Towel Forceps, 9.0 cm (2x)
 - 3 E20-001 Bishop-Harmon AC Irrigator, page 20
 - 4 E40-203 Scalpel Handle #3, stainless steel, 12.5cm
 - 5 E40-211 Scalpel Blade #11, sterile (box of 100)
 - 6 E40-215 Scalpel Blade #15, sterile (box of 100)
 - 7 E25-566 Stevens Tenotomy Scissors, straight, page 59
 - 8 E25-530 Universal Eye Scissors, straight, page 262
 - 9 E25-315 Westcott Stitch Scissors, curved, page 241
 - 10 E30-114 Standard Dressing Forceps, page 247
 - 11 E30-238 Bonaccolto Conjunctiva Forceps, page 256
 - 12 E30-446 Jaffe Tying Forceps, straight, page 250
 - 13 E30-451 Castroviejo Suture Forceps, page 250
 - 14 E35-131 Castroviejo Needle Holder, page 241
 - 15 E40-860 Bowman Lacrimal Probe Set, page 258
 - 16 E40-918 Crawford Intubation System, page 259
 - 17 E40-896 Castroviejo Lacrimal Dilator, page 258
 - 18 E20-630 Reinforced Lacrimal Cannula, page 260
 - 19 E40-972 West Lacrimal Sac Chisel, 6 mm wide
 - 20 E40-974 Freer Periosteal Elevator, sharp/blunt end
- + DCR instruments listed below (see page 262/263)
- E40-983 Hartmann-Halle Nasal Speculum
 - E40-812 Knapp Retractor
 - E40-823 Stevenson Retractor
 - E40-934 Gerzog Surgical Mallet
 - E40-922 Worst Pigtail Probe
 - E30-991 Beyer Bone Rongeur
 - E30-993 Kerrison Punch

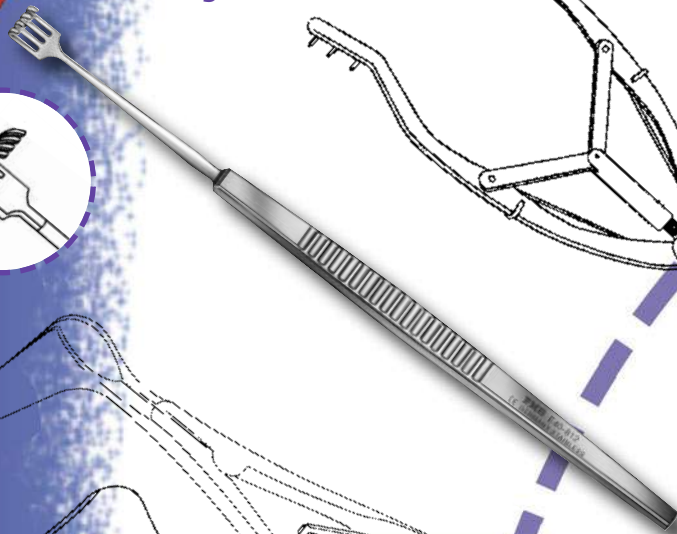


images are not actual size

SPECIALITIES



images are not actual size

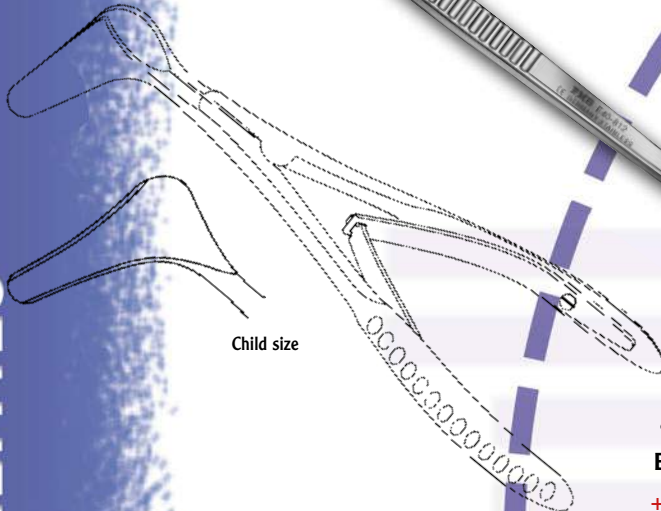


Agricola
Lacrimal Sac Retractor
3x3 sharp prongs, 4.5 cm
E40-820



Stevenson
Lacrimal Sac Retractor
curved 3x3 teeth, 9.0 cm

+ E40-823



Child size

Knapp
Lacrimal Retractor
blunt four prongs, 13.5 cm

+ E40-812

Hartmann-Halle
Nasal Speculum
aseptic joint (dismantable), 15.5 cm

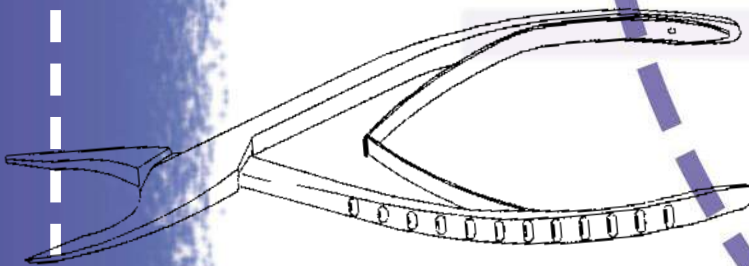
E40-982 child size

+ E40-983 adult size



Gerzog
Surgical Mallet
lead filled stainless steel head,
30 mm dia. head, 400g, 18.0 cm

+ E40-934



Beyer
Bone Rongeur
curved 3 mm jaws, 18.0 cm

+ E30-991

Worst
Lacrimal Pigtail Probe
with suture eyes, 14.0 cm

+ E40-922 adult size

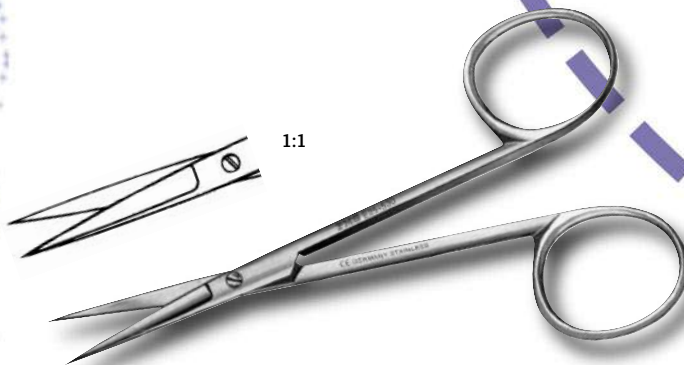
E40-921 child size

Eye Scissors, Universal model, 11.5 cm
straight – blades – curved

E25-530 pointed E25-531

E25-532 sharp/blunt E25-533

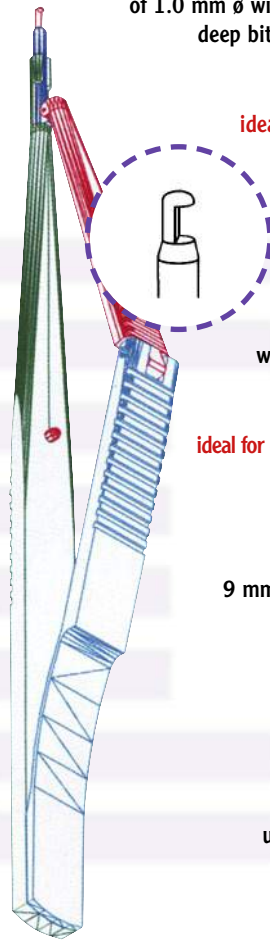
E25-534 blunt E25-535



1:1

SPECIALITIES

BONE AND TISSUE PUNCHES

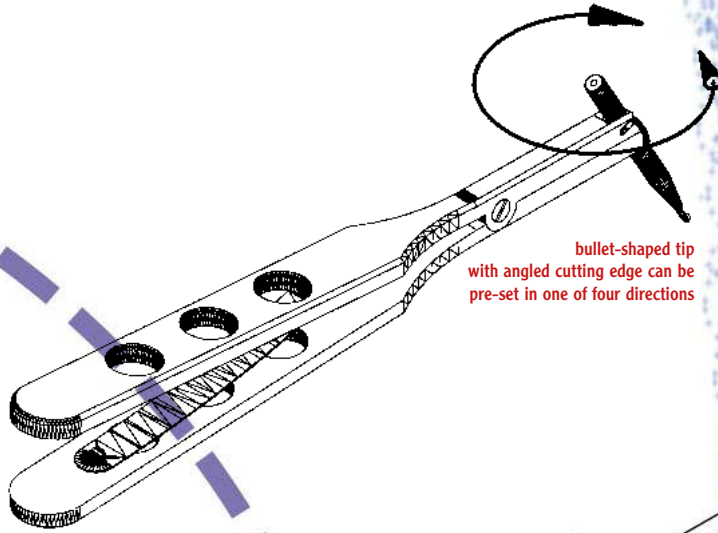


Kelly
Descemet's Membrane Punch
 1.0 mm diameter head with 0.5 mm
 deep bite, 13.0 cm
E40-992

ideal for round holes
 without tissue tags

Luntz-Dodick
Trabeculectomy Punch
 exchangeable cutting head
 of 1.0 mm \varnothing with 0.5 mm
 deep bite, 11.5 cm
E40-995

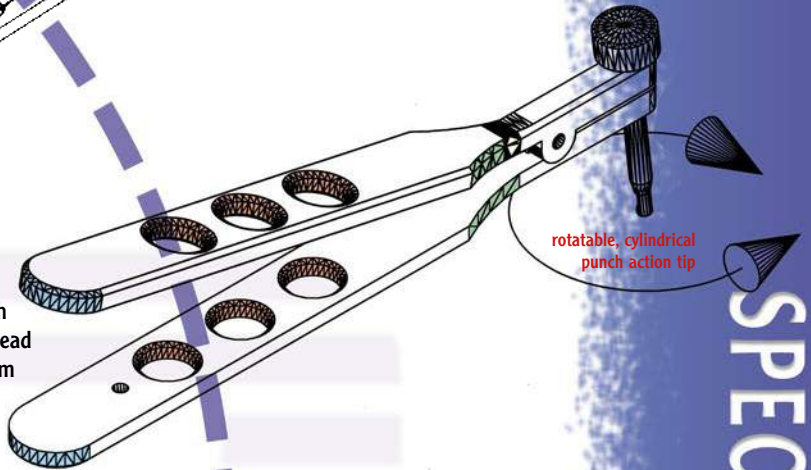
ideal for scleral tunnel insertion



bullet-shaped tip
 with angled cutting edge can be
 pre-set in one of four directions

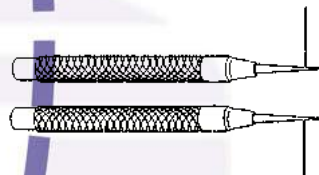
Gass
Corneoscleral Punch
 rotatable 1.5 mm diameter head
 with 0.75 mm deep bite, 9.0 cm
E40-996

ideal for clean, cylindrical, vertical holes

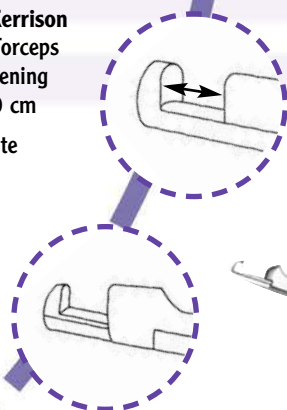


rotatable, cylindrical
 punch action tip

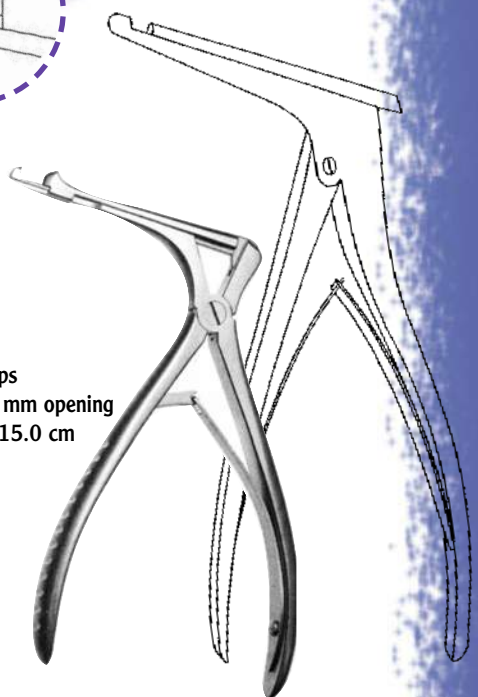
Harms
Trabeculotomy Probe
 9 mm pointed tips with 3 mm spread, 4.8 cm
E40-928 right
E40-929 left



Kerrison
Sphenoidal Punch Forceps
 up-cutting 90° jaws, 9 mm opening
 length of shaft 80 mm, 21.0 cm
 + **E30-993** 3x3mm bite
E30-994 3x4mm bite
E30-995 4x4mm bite



Citelli
Sphenoidal Punch Forceps
 thru-cutting 90° jaws, 7 mm opening
 length of shaft 80 mm, 15.0 cm
E30-981 1.5 mm bite
E30-982 2.0 mm bite
E30-983 3.0 mm bite



SPECIALTIES



CORNEAL RUST RING REMOVERS

it's your turn



Chuck with burr
E40-424 0.5 mm dia.
E40-425 1.0 mm dia.
E40-426 chuck only

Algerbrush II
 Corneal Burr (Rust Ring Remover)
 battery powered, complete with
 two burrs of 0.5 and 1.0 mm dia.
E40-420

Replacement Burrs (tungsten-carbide)
 non-sterile head dia. sterile (b/5)
E40-421 0.5 mm **BU-5S**
E40-422 1.0 mm **BU-1S**

Corneal Pencil
 Eye Magnet and FB loop,
 translucent, reversible handle
E40-442

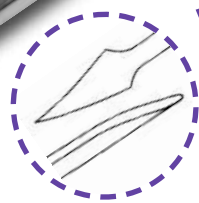
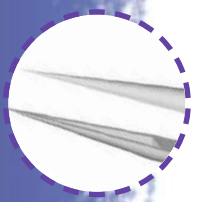
Shaaf
 Foreign Body & Cilia Forceps
 fine grooved jaws with pointed tips, 10.5 cm
E30-290 straight
E30-291 curved

Jeweler's Forceps
E30-503 #3 straight, fine 12.0 cm
E30-504 #4 straight, extra fine 11.0 cm
 ***E30-505** #5 straight, ultra fine 11.0 cm
 ***E30-506** #5-FC angled, ultra fine 11.0 cm
 ***E30-507** #7 curved, fine 12.0 cm
E30-513 #3C straight, fine 10.5 cm

Foreign Body Instruments
 in sliding handle, double end
E40-411 Needle & Plange Lever
E40-412 Needle & Gouge
 in sliding handle, single end
E40-413 Needle, curved sharp tip
E40-414 Gouge, straight round tip
E40-415 Plange Lever, curved tip

* on request also available
 in lightweight titanium

SPECIALITIES



PTERYGIUM INSTRUMENTS

PMS



Ophthalmologists should have at least one motorized drill for removing rust ring and for polishing the cornea after excising a pterygium.

Chuck with diamond burr
medium grit diamond stone

E40-434 round 3.5 mm dia.

E40-435 wheel 5.0 mm dia.

Pterygium Drill
battery powered, complete with
round 3.5 mm dia. diamond burr

+E40-433

Replacement Diamond Burrs
medium grit diamond stone

E40-436 round 3.5 mm dia.

+E40-437 wheel 5.0 mm dia.

Cook
Eye Speculum
with locking screw, solid blades

+E40-071 adult 15 mm blade

E40-072 child 11 mm blade

McReynolds
Pterygium Scissors
angled 18 mm blades, blunt tips 10.5 cm

+E25-561

E42-135 PTERYGIUM SURGERY SET

complete, consisting of 1 instrument each:

E10-003K Chuck Handle #3K, round, page 18

E10-064 Miniature Edge Blade #64, page 18

E40-111 Desmarres Lid Retractor #1, page 245

E30-233 Lester Fixation Forceps, 2x3 teeth, page 247

E30-385 Moorfield's Conjunctiva Forceps, page 257

E30-460 McPherson, Tying Forceps, page 250

E30-450 Castroviejo Suture Forceps, page 250

E35-101 Castroviejo Needle Holder, page 237

E45-015 Sterilizing Instrument Tray, page 294

+ instruments illustrated



The diamond produces a very
smooth healing surface in a
very short time

Kuhnt
Corneal Scarifier #1
hockey type blade, 12.0 cm

E40-361

Bonn
Iris Scissors
delicate blades, sharp tips, 9.0 cm

+E25-500 straight

E25-501 curved

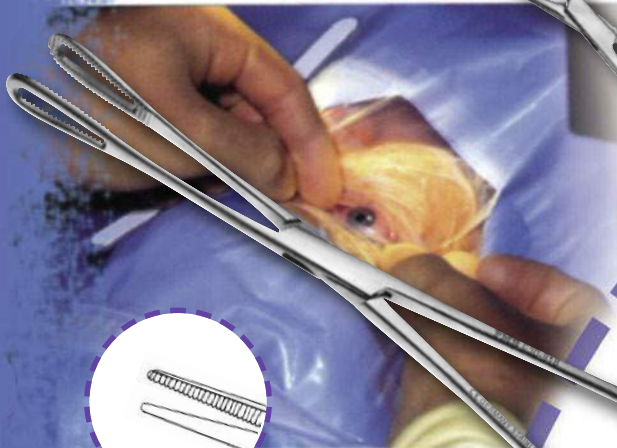
Gill
Corneal Knife
curved cutting edge,
12.0 cm

+E40-341

SPECIALTIES



SPECIALTIES



Dieffenbach Serrefine
cross-action, straight jaws
E30-934 3.5 cm
E30-950 5.0 cm
E30-970 7.5 cm

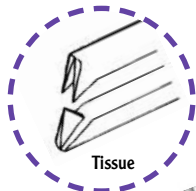
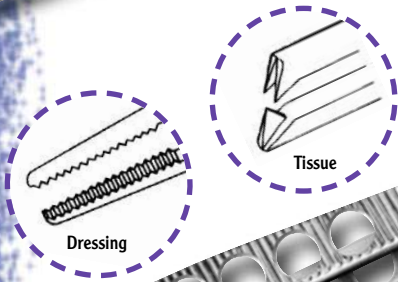


Surgical Scissors
standard, straight blades, 14.5 cm
E25-574 blunt tips
E25-576 sharp and blunt tips
E25-578 sharp tips

▶ further Utility Scissors are illustrated on page 280 and 281



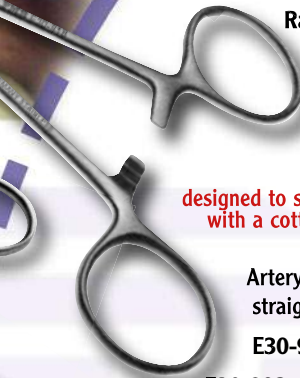
Dressing Forceps
bayonet shaped, serrated jaws
E30-914 Lucae, delicate shaft, 14.5 cm
E30-916 Jansen, standard shaft, 16.0 cm



Adson Dissecting Forceps
lightweight, fenestrated handle, 12.0 cm
E30-130 micro dressing, 1.0 mm jaws
E30-132 delicate dressing, 1.2 mm jaws
E30-140 micro tissue, 1.0 mm teeth
E30-142 delicate tissue, 1.2 mm teeth
E30-146 -Graefe, 6x7 teeth
E30-147 -Brown, 7x7 teeth



Backhaus Towel Forceps
curved shanks
E30-909 9.0 cm
E30-913 13.0 cm



Rampley Sponge Holding Forceps
with ratchet, serrated ring shaped jaws
E30-918 18.0 cm
E30-925 25.0 cm

designed to scrub the skin around the eye with a cotton ball dipped in antiseptic solution



Artery Mosquito Forceps
straight shaft with serrated jaws
E30-900 Hartmann, 10.0 cm
E30-902 Halstead, 12.5 cm

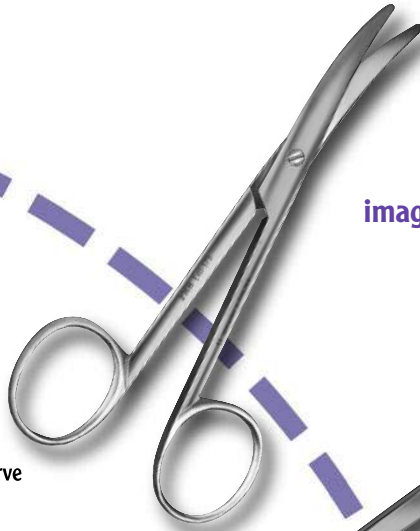
ENUCLEATION INSTRUMENTS

PMS



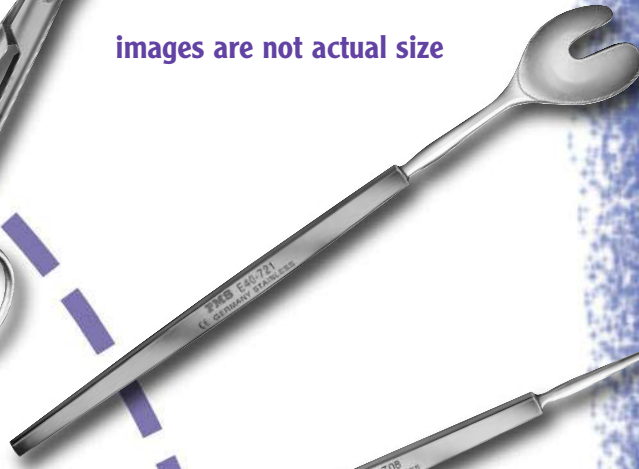
images are not actual size

Enucleation Scissors
heavy blades, blunt tips,
13.0 cm
E25-571 medium curve
+ E25-573 strong curve



**Wells
Enucleation Spoon**
21 mm wide spoon with notch, 14.5 cm

+ E40-721



**Bunge
Evisceration Spoon**
round, sharp spoon, 13.5 cm

+ E40-708 small 8 mm dia.

+ E40-712 large 12 mm dia.



**Jameson
Muscle Hook**

E40-782 small

+ E40-783 large



**Carter
Sphere Introducer and Holder**
spring loaded plunger, 12.5 cm

+ E40-730

non-sterile, autoclavable Enucleation and
Orbital Implants are available on request

**Foster
Enucleation Snare**
complete with 12 snare wires, 14.5 cm

+ E40-722

Twisted Snare Wire
package of 12, 13.5 cm

E40-723



white silicone spheres



lucite PMMA spheres

E42-136 ENUCLEATION-EVISCERATION SET
complete, consisting of 1 or (x2) instruments:

E40-078 Castroviejo Speculum, page 242

E30-902 Halstead Mosquito (x2), page 266

E25-566 Stevens Tenotomy Scissors, page 261

E30-142 Adson Delicate Tissue Forceps, page 266

E30-147 Adson-Brown Tissue Forceps, page 266

E35-103 Castroviejo Needle Holder, page 237

E45-015 Instrument Sterilizing Tray, page 294

+ instruments illustrated

SPECIALITIES



Bi^oRO

SPECIALITY PRODUCTS



Schiøtz Tonometer
improved model (autoclavable)
stainless steel construction, inclined scale,
set of 3 weights (5.5, 7.5 & 10 grams) and
zero test block in foam-lined metal case

S/1002/GB Specification #3

1001/GB Specification #5 (can be certified)

charge for certificate of accuracy on request

1001/15 Extra weight 15.0 g



Honan Balloon
Intraocular Pressure Reducer
with relieve valve in case

*HB02055 complete

*HB02150 bellows, reusable

*HB02210 head band, reusable

HB02400 relief valve

HB02701 headband, disposable,
latex free (box of 12)

* Caution: these products are made of latex which may causes allergic reactions

SPECIALITIES

E42-138 GLAUCOMA SURGERY SET

complete, consisting of 1 each or (x) items

E30-900 Hartmann Forceps (x2), page 266

E30-909 Backhaus Forceps (x2), page 266

E40-011 Barraquer Eye Speculum, page 245

E40-107 Tanne-Lieberman Speculum, page 230

E20-001 Bishop-Harmon A/C Irrigator, page 244

E20-031 Rycroft Air Injection Cannula, page 244

E25-501 Bonn Iris Scissors, curved, page 265

E25-315 Westcott Stitch Scissors, curved, page 241

E25-334 Westcott Tenotomy Scissors, curved, page 241

E25-411 Gills-Vannas Scissors, curved 7 mm, page 241

E25-200 Barraquer Iridectomy Scissors, blunt tips, page 22

E30-241 Fechtner Conjunctiva Forceps, ring shaped, page 230

E30-081 Harms-Colibri Forceps 0.12/45° teeth, page 249

E30-106 Bishop-Harmon Tissue Forceps, 0.6 mm teeth, page 247

E30-446 Jaffe Tying Forceps, straight smooth platform page 250

E40-554 Castroviejo Eye Caliper, straight 0-20 mm scale, page 244

E10-301SR Diamond Knife for Visco Canalostomy, 20° cutting edge, page 182

E10-367 Diamond 7-step Knife, retractable, spear shaped blade, page 105

E15-214 Blumenthal Conjunctiva Dissector, smooth 2x1.4 mm biconvex tip, page 230

E40-995 Luntz-Dodick Trabeculectomy Punch, exchangeable 1.0 mm cutting head, page 263

E40-928 Harms Trabeculectomy Probe, right, 9 mm pointed tips with 3 mm spread, 4.8 cm, page 263

E40-929 Harms Trabeculectomy Probe, left, 9 mm pointed tips with 3 mm spread, 4.8 cm, page 263

E35-251 Troutman Micro Needle Holder, very delicate 9 x 0.5 mm curved jaws without lock, page 241

S/1002/GB Schiøtz Tonometer Specification #3, stainless steel construction, inclined scale, page 268

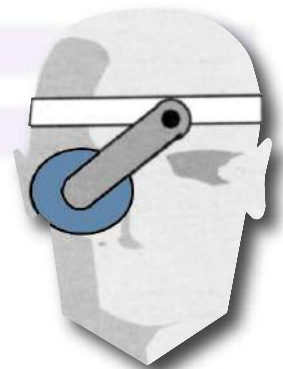
Oculo Pressor

Pressure Reducer
with velcro head band

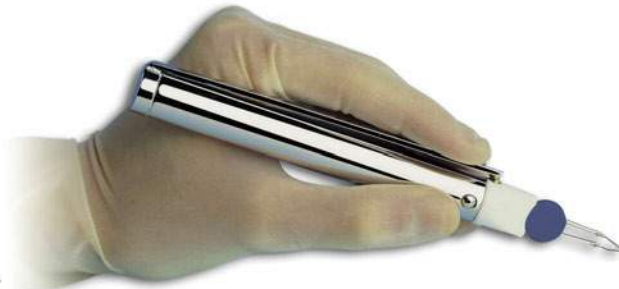
A4947 complete

A4947ARM plastic arm

A4948 spare head band



BATTERY CAUTERIES



Battery Cautery, complete handle with one straight tip of platinum-iridium and battery

09-401 high temp 1000°C

09-402 low temp 500°C

The PMS changeable tip and battery cauteries are excellent for office, emergency room and clinical procedures.

Reusable Fine Cautery Tips made of platinum-iridium

09-501 straight tip, blue

09-502 angled tip, yellow

09-505 straight ball tip, white

guarantee precise pinpoint hemostasis and minimal tissue damage, as well as extended life cycle



POPULAR BIPOLAR FORCEPS

ideal for coagulation of small scleral bleeders, reattachment of the conjunctival flap, and sutureless closure of the conjunctiva.

McPherson Style

delicate 0.25 mm tip, 9.5 cm

81807000 straight jaws

81807010 angled jaws



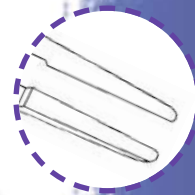
highly polished instrument tips, minimizing unwanted tissue adhesion

Jeweler's Style

delicate 0.25 mm tip, 11.0 cm

81811100 straight jaws

81811110 angled jaws

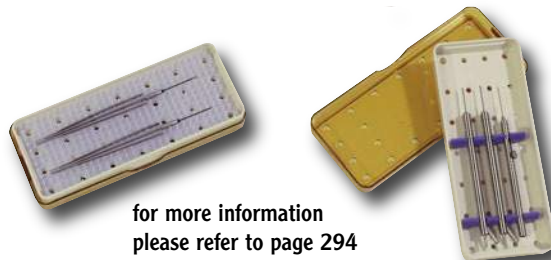


Bipolar Cord, reusable with round 2 pin forceps connector and banana jacks fitting to unit, 12"/3.0 m long

80100025



safely stores your micro instruments



for more information please refer to page 294

SPECIALTIES