

VITREORETINAL HIGHLIGHTS



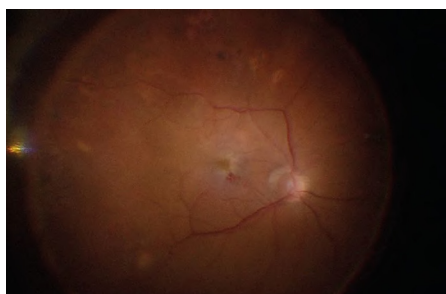
Phaco-Vitrectomy System

UPGRADED

- **Vacuum & Flow + TDC**
Maximised surgeon control
- **Enhanced LED light source and 27G fibres**
Optimised illumination for 27G surgery
- **Redesigned footswitch with laser control**
Improved efficiency of use and comfort



Older LED module + 27G fibre



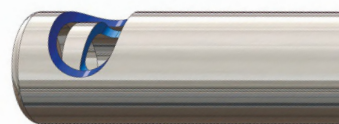
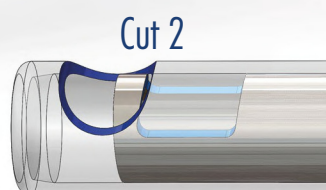
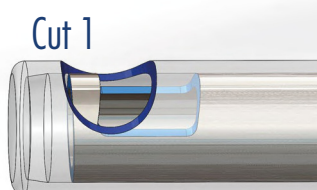
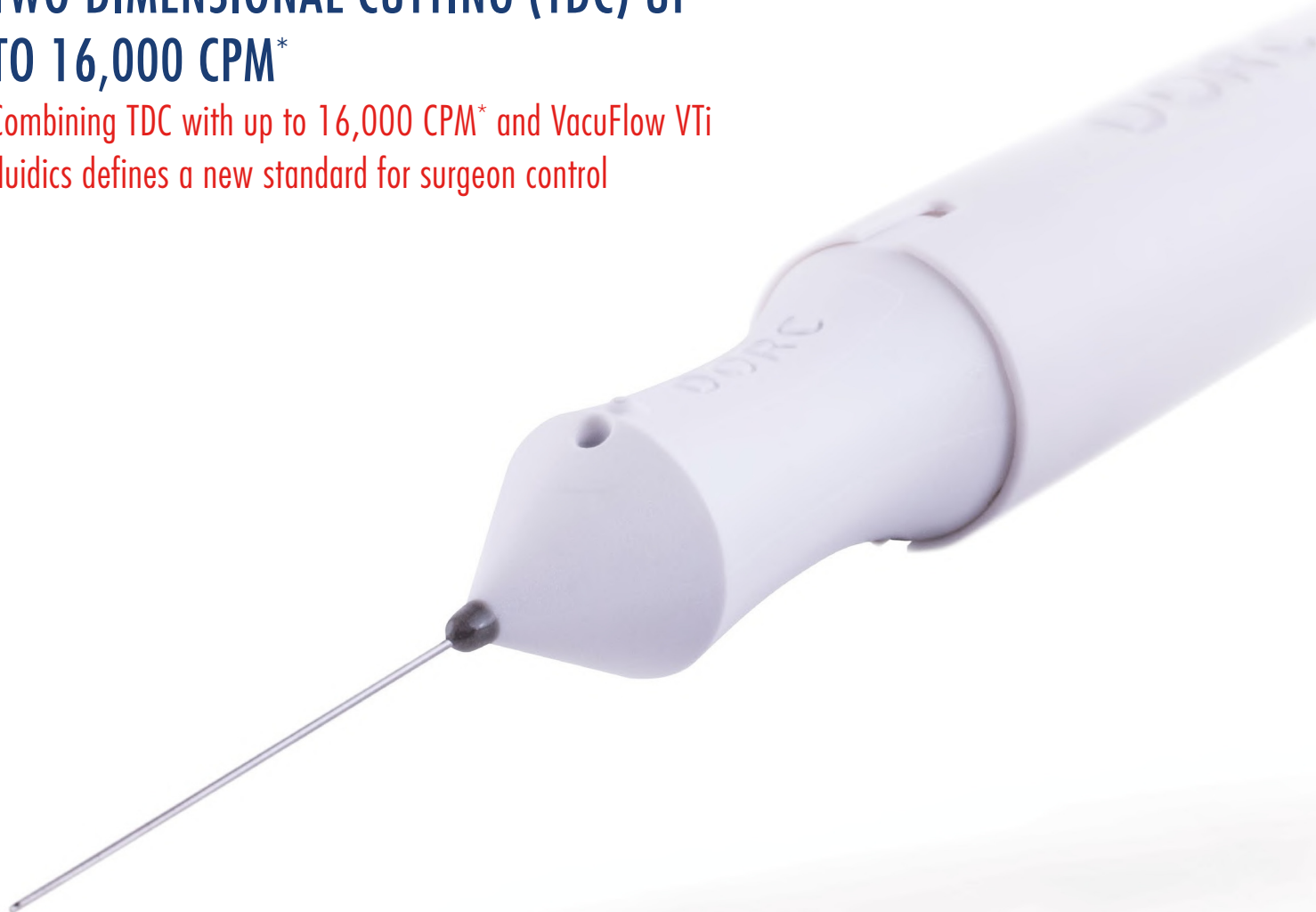
UPGRADED

LED module + enhanced 27G fibre



TWO DIMENSIONAL CUTTING (TDC) UP TO 16,000 CPM*

Combining TDC with up to 16,000 CPM* and VacuFlow VTi fluidics defines a new standard for surgeon control



- Continuous open aspiration port
- Constant aspiration flow, independent of cut rate.

* The TDC cutter has a cut speed of up to 8,000 CPM and is designed to facilitate cutting tissue on the return of each stroke of the vitrectome, effectively doubling the cut speed.

NEW

Enhanced 27G light fibres

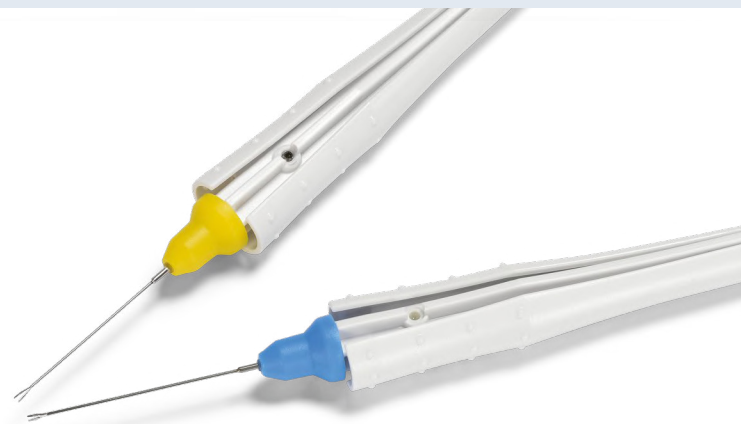
65% increase in brightness
(compared to older 27G fibres)



NEW

Ultra Peel Forceps

One touch, gentle
membrane peeling



NEW

Disposable Backflushes

Easier manipulation
and maximized control



NEW

Extended Reach – Wide Grip Forceps

For precise grasping
in the macular region



- Pharmaceutical grade materials
- Proprietary multi-step purification process
- Batch level purity testing

Focus on Purity

MEMBRANEBLUE-DUAL® and ILM-BLUE®

- ILM-BLUE® for selective ILM staining.
- MEMBRANEBLUE-DUAL® for effective ILM and ERM staining.
- High purification for patient safety.



EFTIAR Octane and Decalin in prefilled syringe

- Maximized purity
- 100% fluorinated
- Easy-to-use syringe format with flange extender for easy handling



Silicone Oil 1.000 cst, 2.000 cst and 5.000 cst in syringe

- Purified silicone oil
- Allows for a maximum interfacial tension
- Minimizes interactions between tissues, cells and endo-tamponades media



OcuGas SF6

- Single use - 100% SF6 ready for mixing
- Non-pressurized gas container
- Exterior sterility for optimised ease of use (USP to OcuGas range)
- Flexibility to create gas-air combination according to requirements of surgery.



Table of Contents

INSTRUMENTS

20G

5 DISPOSABLE 20 GAUGE

- 5 TRANSCONJUNCTIVAL SYSTEM
- 5 VITRECTOMES
- 6 MICROFORCEPS / MICROSCISSORS
- 6 BACKFLUSH INSTRUMENTS
- 7 INTRAOCULAR ILLUMINATION
- 8 LASERPROBES
 - 8 STANDARD LASERPROBES, STRAIGHT
 - 8 STANDARD LASERPROBES, CURVED
 - 8 DIRECTIONAL LASERPROBES
 - 9 ILLUMINATED LASERPROBES
- 9 MISCELLANEOUS DISPOSABLES

20G

10 REUSABLE 20 GAUGE

- 10 TRANSCONJUNCTIVAL SYSTEM
- 11 MICROFORCEPS / MICROSCISSORS
- 11 SUBRETINAL INSTRUMENTS & ACCESSORIES
- 11 BACKFLUSH INSTRUMENTS AND ACCESSORIES
- 13 DIATHERMY

23G

13 DISPOSABLE 23 GAUGE

- 13 TRANSCONJUNCTIVAL SYSTEM
 - 13 ONE STEP
 - 13 TWO STEP
- 14 VITRECTOMES
 - 14 STANDARD
 - 15 TDC
- 15 MICROFORCEPS / MICROSCISSORS
- 16 BACKFLUSH INSTRUMENTS
- 17 INTRAOCULAR ILLUMINATION

19 LASERPROBES

19 CURVED STEPPED LASERPROBES

19 DIRECTIONAL LASERPROBES

20 STANDARD LASERPROBES, STRAIGHT

20 ILLUMINATED STEPPED LASERPROBES

21 MISCELLANEOUS DISPOSABLES

23G

23 REUSABLE 23 GAUGE

23 TRANSCONJUNCTIVAL SYSTEM

24 MICROFORCEPS / MICROSCISSORS

26 BACKFLUSH INSTRUMENTS AND ACCESSORIES

27 MEMBRANE INSTRUMENTS

27 DIATHERMY

25G

27 DISPOSABLE 25 GAUGE

27 TRANSCONJUNCTIVAL SYSTEM

28 VITRECTOMES

28 STANDARD

28 TDC

28 MICROFORCEPS / MICROSCISSORS

29 BACKFLUSH INSTRUMENTS

30 INTRAOCULAR ILLUMINATION

31 LASERPROBES

31 STANDARD LASERPROBES, STRAIGHT

31 DIRECTIONAL LASERPROBES

32 CURVED STEPPED LASERPROBES

33 ILLUMINATED STEPPED LASERPROBES

33 MEMBRANE INSTRUMENTS

33 MISCELLANEOUS DISPOSABLES

25G

34 REUSABLE 25 GAUGE

34 MICROFORCEPS / MICROSCISSORS

35 DIATHERMY

27G

36 DISPOSABLE 27 GAUGE

36 TRANSCONJUNCTIVAL SYSTEM

36 VITRECTOMES

36 STANDARD

37 TDC

37 MICROFORCEPS / MICROSCISSORS

38 BACKFLUSH INSTRUMENTS

39 INTRAOCULAR ILLUMINATION

40 LASERPROBES

40 CURVED STEPPED LASERPROBES

40 MISCELLANEOUS DISPOSABLES

27G

41 REUSABLE 27 GAUGE

41 MICROFORCEPS / MICROSCISSORS

41 MEMBRANE INSTRUMENTS

41 DIATHERMY

42 SURGICAL LIQUIDS / TAMPONADES

42 SURGICAL DYES

42 MEMBRANEBLUE-DUAL

42 ILM-BLUE

42 SURGICAL TAMPONADES

42 SILICONE OIL

43 PFCL

44 OCUGAS

44 ACCESSORIES

45 DISPOSABLE VITRECTOMY LENSES

46 ECKARDT TEMPORARY KERATOPROSTHESIS

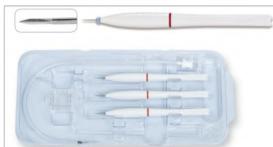
20G DISPOSABLE 20 GAUGE

TRANSCONJUNCTIVAL SYSTEM

1272.ED09 Disposable Two step Vitrectomy System.(20 gauge / 0.9 mm)

Colour coding: ●

Box/5 | Sterile: Yes



Consisting of:

- 3 x Preloaded Blunt Insertor with Universal Cannula & Closure Valves
- 1 x Universal Infusion Line

Box/5, sterile

1279.IA20S

Universal silicone infusion line for 20 gauge/0.9 mm cannula system, suitable for irrigation including VFI/VFE.

Box/5 | Sterile: Yes



Suitable for irrigation incl. VFI/VFE.

1279.IA20

Universal silicone infusion line for 20 gauge/0.9 mm cannula system.

Box/5 | Sterile: Yes



VITRECTOMES

1267.NMD25

Disposable Pneumatic Vitrectome. (20 gauge / 0.9 mm)
(working with 37 PSI, max 2500 cuts/min)

Box/1 | Sterile: Yes



With D.O.R.C. & Accurus@2500 High speed connector.Max 2500 cuts/min.

8267.VIT20

Disposable High Speed Cutter 20G/8000CPM

Colour coding: ●

Box of 6 | Sterile: Yes



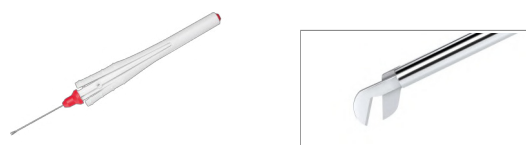
MICROFORCEPS / MICROSCISSORS

1286.ED

Disposable Microscissors: Vertical. (20 gauge / 0.9 mm)

Colour coding: ●

Box/5 | Sterile: Yes



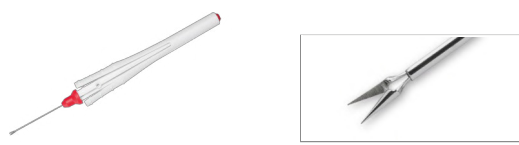
- Vertical scissors with cutting action.
- Rounded lower inferior edge of scissors blade minimizes unintentional engagement of retina.

1286.JD

Disposable Microscissors: Straight. (20 gauge / 0.9 mm)

Colour coding: ●

Box/5 | Sterile: Yes



- Sharp tipped straight scissors.
- For cutting in the iris plane or cutting peripheral membranes.

1286.MD

Disposable Microscissors: Curved, Horizontal. (20 gauge / 0.9 mm)

Colour coding: ●

Box/5 | Sterile: Yes



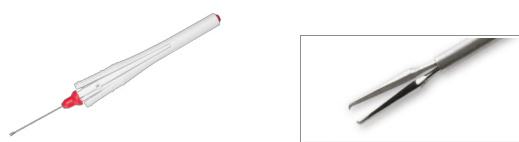
- Sharp tipped scissors with a horizontal curvature of 12 mm to follow the contour of the retina.
- For cutting in the plane parallel to the retina, cutting membranes adherent to the retinal surface and all purpose membrane cutting.

1286.WD

Disposable Microforceps: Eckardt End-gripping. (20 gauge / 0.9 mm)

Colour coding: ●

Box/5 | Sterile: Yes



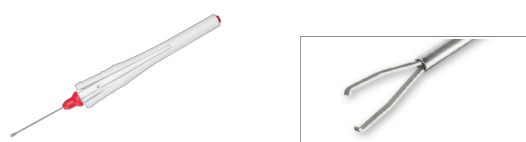
- Microforceps with 'nail-like' end-gripping platforms; for precise grasping and improved visualization of thin membranes in the macular region.
- The most preferred ILM forceps !
- Developed with Prof. M.D. Claus Eckardt.

1286.ILMD

Disposable Microforceps: ILM. (20 gauge / 0.9 mm)

Colour coding: ●

Box/5 | Sterile: Yes



- Thin instrument tips for precise grasping and removal of the ILM.
- Improved visualization of thin membranes in macular region.

BACKFLUSH INSTRUMENTS

1281.AD

Disposable Backflush instrument, with blunt needle and passive aspiration. (20 gauge / 0.9 mm)

Box/5 | Sterile: Yes

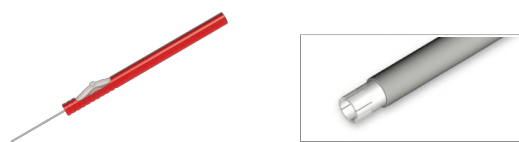


With passive aspiration.

1281.BD

Disposable Backflush instrument, with brush needle and passive aspiration. (20 gauge / 0.9 mm)

Box/5 | Sterile: Yes



1281.BTD

Disposable Backflush instrument, with brush needle and active aspiration. (20 gauge / 0.9 mm)

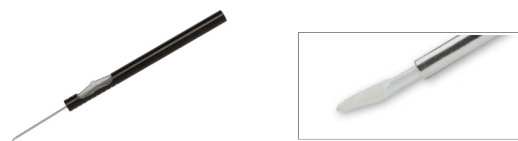
Box/5 | Sterile: Yes



1281.DDM

Backflush sweeper with diamond dusted tip. (20 gauge / 0.9 mm)

Box/5 | Sterile: Yes

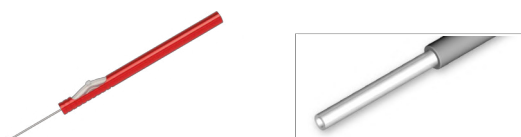


- Diamond dusted silicone tipped instrument with backflush capability for atraumatic tissue 'sweeping' combined with passive aspiration.
- Especially effective for use in PVR, relieving traction around macular holes and retinal tears, and for membrane manipulation with simultaneous aspiration of blood and vitreous matter.
- Developed in collaboration with Richard Spaide, M.D.
- (Not available in the U.S.A.)

1281.TDM

Disposable Backflush instrument, with extended silicone tip and active aspiration. (20 gauge / 0.9 mm)

Box/5 | Sterile: Yes

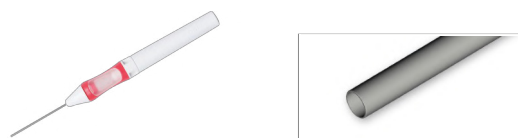


2281.AD

Backflush Instrument with 20 gauge / 0.9 mm blunt needle.

Colour coding: ●

Box/5 | Sterile: Yes



- New ergonomic handle design to create optimal surgical control.
- Enlarged backflush reservoir.
- Overall more controlled and precise aspiration of intraocular fluids and/or debris.

INTRAOCULAR ILLUMINATION

3269.B

TotalView Endoillumination Probe, including illuminated scleral depressor. (20 gauge / 0.9 mm)

Colour coding: ●

Box/6 | Sterile: Yes



Fiber optic probe with conical shaped fiber for wide field illumination.

3269.D

Endoillumination Probe, including illuminated scleral depressor. (20 gauge / 0.9 mm)

Colour coding: ●

Box/6 | Sterile: Yes



Fiber optic probe for straight illumination.

3269.SBS

Shielded TotalView Endoillumination Probe, including illuminated scleral depressor. (20 gauge / 0.9 mm)

Box/6 | Sterile: Yes



LASERPROBES

STANDARD LASERPROBES, STRAIGHT

7011.ALC

20GA Straight Laser Probe with Alcon adaptor

Box/6 | Sterile: Yes

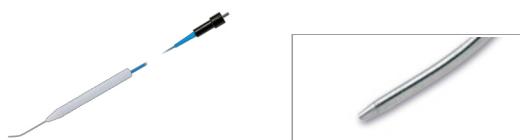


STANDARD LASERPROBES, CURVED

7010.DORC

Laser Probe, curved, with DORC connector 20 gauge / 0.9mm.

Box/6 | Sterile: Yes



(Not available in the USA)

7010.ALC

20GA Curved Laser Probe with Alcon adaptor

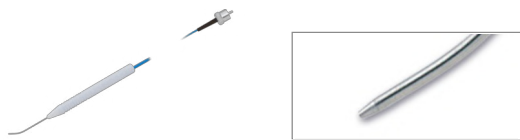
Box/6 | Sterile: Yes



7010.IRI

Laser Probe, Curved, with Iridex connector.(20 gauge / 0.9 mm)

Box/6 | Sterile: Yes



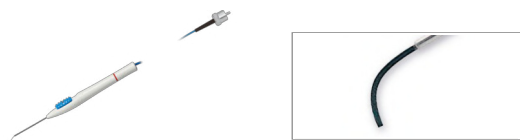
DIRECTIONAL LASERPROBES

7220.IRI

Directional Laser Probe with Iridex connector.(20 gauge / 0.9 mm)

Colour coding: ●

Box/6 | Sterile: Yes



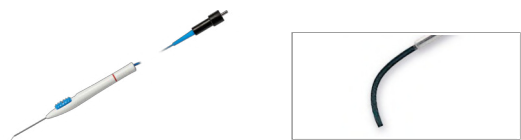
(Not available in the USA)

7220.DORC

Directional Laser Probe with DORC connector.(20 gauge / 0.9 mm)

Colour coding: ●

Box/6 | Sterile: Yes



(Not available in the USA)

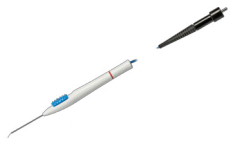
7220.ALC

Directional Laser Probe with Alcon / Lumenis connector. (20

gauge / 0.9 mm)

Colour coding: 

Box/6 | Sterile: Yes



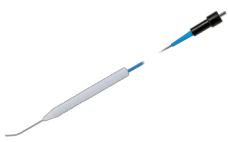
(Not available in the USA)

ILLUMINATED LASERPROBES

7410.DORC

Illuminated Laser Probe, Curved, 20G / 0.9 mm

Box/6 | Sterile: Yes

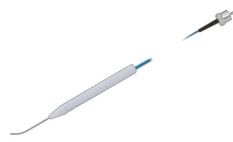


7410.IRI

Laser Probe, illuminated, curved, with Iridex connector. (20

gauge / 0.9 mm)

Box/6 | Sterile: Yes



MISCELLANEOUS DISPOSABLES

1272.VFE20

Disposable Viscous Fluid Extraction cannula with 14 mm thin
wall polyimide tip. (20 gauge / 0.9 mm)

Box/5 | Sterile: Yes



1272.VFI20

Disposable viscous fluid injection / extraction cannula with 7
mm thin wall polyimide tip. (20 gauge / 0.9 mm)

Box/5 | Sterile: Yes



1270.01

Disposable Dual bore BSS injection needle. (41 gauge / 0.1 mm)

Box/1 | Sterile: Yes



1272.AD

Disposable Infusion Cannula, 4.0 mm.

Box/5 | Sterile: Yes



- Enables controlled subretinal injection of BSS.
- Retinal detachment without increasing the intraocular pressure.

1272.ASD

Disposable Infusion Cannula, 4.0 mm, for silicone oil

Box/5 | Sterile: Yes



1272.BD

Disposable Infusion Cannula, 6.0 mm.

Box/5 | Sterile: Yes



1272.BSD

Disposable Infusion Cannula, 6.0 mm., for silicone oil

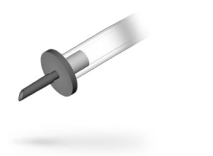
Box/5 | Sterile: Yes



1272.FD

Korobelnik self-retaining infusion cannula, 5.0 mm.

Box/5 | Sterile: Yes



- Sutureless fixation.
- 'Retaining ridge' maintains cannula in sclerotomy site.
- Developed in collaboration with Jean-François Korobelnik, M.D.

1272.GD

Korobelnik self-retaining infusion cannula, 4.0 mm.

Box/5 | Sterile: Yes



- Sutureless fixation.
- 'Retaining ridge' maintains cannula in sclerotomy site.
- Developed in collaboration with Jean-François Korobelnik, M.D.

1272.SDT20

Spaide soft-tipped diamond dusted cannula. (20 gauge/0.9 mm)

Box/5 | Sterile: Yes



For Triamcinolone removal.

20G REUSABLE 20 GAUGE

TRANSCONJUNCTIVAL SYSTEM

1278

Forceps for removal of cannulas

Box/1 | Sterile: No



MICROFORCEPS / MICROSCISSORS

1286.E

Microscissors: Vertical. (20 gauge / 0.9 mm)

Colour coding: 

Box/1 | Sterile: No



- Vertical scissors with cutting action.
- Rounded lower inferior edge of scissors blade minimizes unintentional engagement of retina.

2286.H

Microforceps: Avci Foreign Body. (17 gauge / 1.5 mm)

Colour coding:   

Box/1 | Sterile: No



Blunt tipped forceps with tungsten carbide treated jaws for enhanced gripping and removal of large sized foreign bodies.

2286.I

Microforceps: Avci Foreign Body. (20 gauge / 0.9 mm)

Colour coding:   

Box/1 | Sterile: No



Blunt tipped forceps with tungsten carbide treated jaws for enhanced gripping and removal of small sized foreign bodies.

SUBRETINAL INSTRUMENTS & ACCESSORIES

1286.O

Microforceps: Horizontal Subretinal, 3 mm. (20 gauge / 0.9 mm)

Colour coding: 

Box/1 | Sterile: No



- Blunt tipped forceps with long thin tips (3 mm) angled at 120°.
- For grasping of subretinal membranes.

1295.3

Subretinal cannula, curved 20 gauge/0.9 mm needle with 0.3 mm tip.

Box/1 | Sterile: No



BACKFLUSH INSTRUMENTS AND ACCESSORIES

1281.A1D

Disposable Replacement backflush reservoirs.

Box/10 | Sterile: Yes



Silicone reservoir for passive aspiration backflush instruments.

1281.B

Backflush instrument with brush needle. (20 gauge / 0.9 mm)

Colour coding: 

Box/1 | Sterile: No

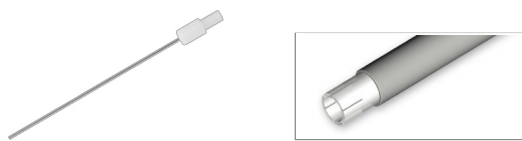


- Titanium Backflush instrument with silicone brush needle for passive aspiration with simultaneous atraumatic 'brushing' of the retinal surface.
- May also be used for repositioning of retinal folds or breaks.

1281.B1D

Disposable Replacement backflush brush Needles. (20 gauge / 0.9mm)

Box/10 | Sterile: Yes



For 1281-A/B backflush handpiece.

1281

Charles Flute instrument

Box/1 | Sterile: No



- For passive aspiration of intraocular fluids.
- No backflush capability.

1281.A

Backflush Instrument with 20G / 0.9 mm blunt needle

Colour coding: ●

Box/1 | Sterile: No

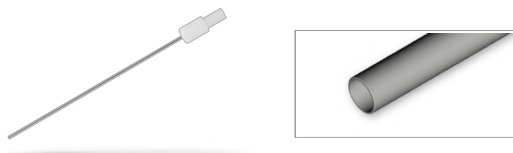


Titanium Backflush Instrument with blunt needle for passive aspiration of intraocular fluids and reflux of incarcerated tissue.

1281.A5

Replacement backflush needle, straight. (20 gauge / 0.9 mm)

Box/1 | Sterile: No

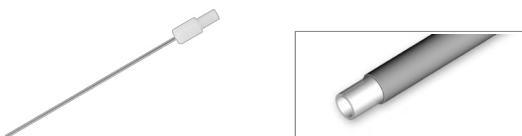


- 20G Stainless steel needle with straight blunt tip.
- Replacement needle for 1281 A.

1281.BSS

Replacement Backflush Needle with silicone tip, straight.

Set/12 | Sterile: No



- 20G Stainless steel needle with a soft silicone tip.
- For atraumatic removal of intraocular fluid and aspiration of subretinal fluids through a retinotomy.

1281.E1

Replacement backflush Reservoir for 1281.E.

Set/10 | Sterile: No



1281.T

Backflush instrument with active aspiration 20G / 0.9 mm.

Colour coding: ●

Box/1 | Sterile: No



Titanium Backflush instrument with blunt needle for active aspiration of intraocular fluids and reflux of incarcerated tissue.

1281.XD

Replacement backflush reservoir with active aspiration.

Set/10 | Sterile: Yes



For 1281-T backflush instrument.



Disposable One step Cannula System

Ref. 1272.ED206 (23 gauge / 0.6 mm)

1272.ED205 (25 gauge / 0.5 mm)

1272.ED204 (27 gauge / 0.4 mm)



**Dr Adriana Bratu, Vitreoretinal
surgeon at "Santa Maria Delle Croci"
Hospital, Ravenna, Italy**

"The one step DORC trocar system requires low insertion force, and the valve design ensures easy instrument entry and movement during surgery. This feature also ensures excellent trocar retention in the eye during instrument exchange. There is no leakage. Depending on the case, I use 23G, 25G or 27G and sometimes I transform a valved cannula system into a non-valved by removing the closure valves, thus allowing the fluids to drain more easily, as for example in suprachoroidal haemorrhage. At the end of the surgical manoeuvres I replace the valves and continue my surgery. It is one of the best trocar systems at the moment."

DIATHERMY

1120	Endo-diathermy handle, straight pointed tip. (20 gauge / 0.9 mm)	1120.A	Diathermy cable, for 1120 / 1121 / 1122 / 1120-0.5 / 1120-D-0.5 and 1120-0.6 handles.
	Box/1 Sterile: No		Box/1 Sterile: No



23G DISPOSABLE 23 GAUGE

TRANSCONJUNCTIVAL SYSTEM

ONE STEP

1272.ED206	Disposable One step Cannula System. (23 gauge / 0.6 mm)
Colour coding: 	Box/5 Sterile: Yes



Features & Benefits :

- Revolutionary, new MVR blade Requires more than 50% less insertion pressure.
- USP's Unique translucent, newly developed closure valve provides enhanced visibility when entering instruments.
- Developed in corporation with Prof. Dr. Szurman

TWO STEP

1272.ERPP6	Closure valves for 23 gauge/0.6 mm vitrectomy system.	1279.P	Infusion line for 23G / 0.6 mm infusion cannula 1272.ERPP2
	Set/4 Sterile: Yes		Box/6 Sterile: Yes



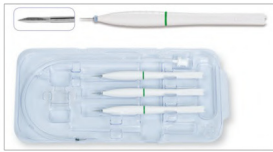
- Also for 1281 AS, 1281 AS/ST and 1281 T handpiece.
- With luer-lock fitting.

1272.ED06

Disposable Two step vitrectomy system. (23 gauge/ 0.6 mm)

Colour coding: ●

Box/5 | Sterile: Yes



Consisting of :

- 3 x Preloaded Blunt Insertor with Universal Cannula,
- Closure Valves & Closure Plugs
- 1 x Universal Infusion Line

VITRECTOMES

STANDARD

1267.NMD06

Disposable Pneumatic Vitrectome. (23 gauge / 0.6 mm)
(working with 30 P.S.I., max. 1500 cuts/min)

Box/1 | Sterile: Yes



Compatible with most units functioning on 30 PSI with 1500 High-Speed connector. Max 1500 cuts/min.

2267.NMD06

Disposable Pneumatic Vitrectome. (23 gauge / 0.6 mm)
(working with 37 P.S.I., max. 2500 cuts/min)

Box/1 | Sterile: Yes



- 2500 Cuts Pneumatic Vitrectome, 3rd generation high flow and high speed vitrectome.
- For most vitrectomy units working with 37 PSI, 23 Gauge / 0.6 mm.
- Closest aspiration port to the tip
- Increased aspiration flow
- Increased shaft stiffness 2500 cuts /min.

8267.VIT23

Disposable High Speed Cutter 23G/8000CPM

Colour coding: ●

Box of 6 | Sterile: Yes



TDC

6268.NMD06

Disposable High Speed TDC Cutter 23G / 6000 CPM DORC

Continuum range

Colour coding: ●

Box/6 | Sterile: Yes



Indications for Use :

- For quick and safe removal of vitreous

Features & Benefits :

- SAFER : Double cutting speed reduces traction on surrounding tissue.
- FASTER : Duty cycle of 92% creates constant aspiratin flow independent from cutting speed.
- INCREASED aspiration flow up to three times more than normal rate.
- BETTER : Reduced "surge" turbulence at aspiration port from constant opening of the aspiration port.

8268.VIT23

Disposable High Speed TDC Cutter 23G / 8000 CPM DORC

Continuum range

Colour coding: ●

Box/5 | Sterile: Yes



Indications for Use :

- For quick and safe removal of vitreous

Features & Benefits :

- SAFER : Double cutting speed reduces traction on surrounding tissue.
- FASTER : Duty cycle of 92% creates constant aspiratin flow independent from cutting speed.
- INCREASED aspiration flow up to three times more than normal rate.
- BETTER : Reduced "surge" turbulence at aspiration port from constant opening of the aspiration port.

MICROFORCEPS / MICROSCISSORS

1286.CD06

Disposable Microforceps: Serrated Jaws. (23 gauge / 0.6 mm)

Colour coding: ●

Box/5 | Sterile: Yes



- Blunt tipped forceps with entire interior surface of tip serrated.
- For general purpose membrane grasping.

1286.MD06

Disposable Microscissors: Curved, Horizontal. (23 gauge / 0.6 mm)

Colour coding: ●

Box/5 | Sterile: Yes



- Sharp tipped scissors with a horizontal curvature of 12 mm to follow the contour of the retina.
- For cutting in the plane parallel to the retina, cutting membranes adherent to the retinal surface and all purpose membrane cutting.

1286.WD06

Disposable Microforceps: Eckardt End-gripping. (23 gauge / 0.6 mm)

Colour coding: ●

Box/5 | Sterile: Yes



- Microforceps with 'nail-like' end-gripping platforms; for precise grasping and improved visualization of thin membranes in the macular region.
- The most preferred ILM forceps !
- Developed with Prof. M.D. Claus Eckardt.

1286.ED06

Disposable Microscissors: Vertical. (23 gauge / 0.6 mm)

Colour coding: ●

Box/5 | Sterile: Yes



- Sharp tipped scissors with vertical cutting action.
- Rounded lower inferior edge of scissors blade minimizes unintentional engagement of retina.



Disposable Microforceps: Serrated Jaws (23 gauge / 0.6 mm)

Ref. 1286.CD06

"D.O.R.C. Serrated Jaws forceps are ideal for securely grasping the haptic of the lens without damaging it."

"The Yamane technique of scleral haptic fixation simplifies surgical technique and uses readily available equipment in the theatre. Yamane has built upon the technique described by Scharioth who used scleral tunnels to trap the haptics. His technique was challenging to master both in terms of forming the tunnels and then using them to externalise the haptics. The DORC Scharioth forceps however, did reduce surgical difficulty to a degree.

In the technique described by Yamane, 30G needles are used to externalise haptics avoiding the need for forming and then using scleral tunnels. The haptics are inserted into the needle within the anterior segment of the eye and then withdrawn with the needle and secured by burning the end of the haptic to deform it into a bulb which will then not pass back down the needle track. Some translation of the technique has been required in the UK and other settings and a 27G needle is widely used with a larger internal bore able to accommodate the Haptic of the lens. Yamane used a dermal filler needle which although 30g had a much wider internal diameter allowing fixation of the haptic. In the Vitreo-retinal setting with dropped IOLs it is not uncommon to secure the haptics externally in turn rather than externalising both haptics together as described by Yamane. My standard technique now 'Burns as I go' to avoid the haptics slipping back through the larger needle track.

It is important to be able to grasp the haptic along the length of the forceps and hold it securely whilst trying to feed the haptic up the needle. I have found the grip and length of the D.O.R.C. Serrated Jaws forceps ideal and have found other forceps can result in a lesser grip and rotation of the haptic. These forceps are on hand as they are useful in Complex retinal procedures and so there is no concern in terms of ordering, they are always at hand."



Stephen Lash
Consultant VR surgeon
University Hospital Southampton, UK

1286.ILMD6

Disposable Microforceps: ILM. (23 gauge / 0.6 mm)

Colour coding: ●

Box/5 | Sterile: Yes



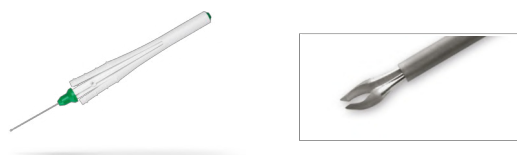
- Thin instrument tips for precise grasping and removal of the ILM.
- Improved visualization of thin membranes in macular region.

2286.KD06

Disposable Microforceps: Asymmetrical Endgripping. (23 gauge / 0.6mm)

Colour coding: ●

Box/5 | Sterile: Yes

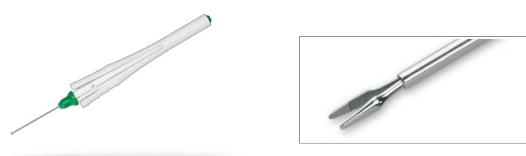


2286.CD306

Disposable Microforceps: Shah Micro Serrated Jaws. (23 gauge / 0.6 mm)

Colour coding: ●

Box/5 | Sterile: Yes



23G ILM peeling and standard membrane peeling

BACKFLUSH INSTRUMENTS

1281.AD06

Disposable Backflush instrument, with blunt needle and passive aspiration. (23 gauge / 0.6 mm)

Box/5 | Sterile: Yes



With passive aspiration.

1281.SD06

Disposable Shiraga Backflush instrument, with extendible brush tip and active aspiration. (23 gauge / 0.6 mm)

Box/5 | Sterile: Yes



1281.BTD06

Disposable Backflush instrument, with brush needle and active aspiration. (23 gauge / 0.6 mm)

Box/5 | Sterile: Yes

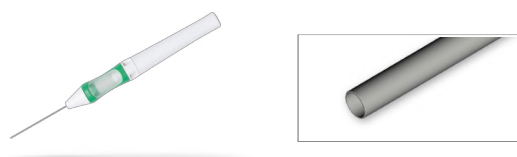


2281.AD06

Backflush Instrument with 23 gauge / 0.6 mm blunt needle.

Colour coding: ●

Box/5 | Sterile: Yes

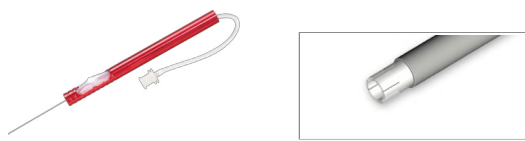


- New ergonomic handle design to create optimal surgical control.
- Enlarged backflush reservoir.
- Overall more controlled and precise aspiration of intraocular fluids and/or debris.

1281.BTDH6

Disposable High Myopic Backflush instrument, with brush
needle and active aspiration. (23 gauge / 0.6 mm)

Box/5 | Sterile: Yes



Indications for Use :

- For operating on high myopic eyes.

Features & Benefits :

- Available in 23- and 25 Gauge formats.

USP's

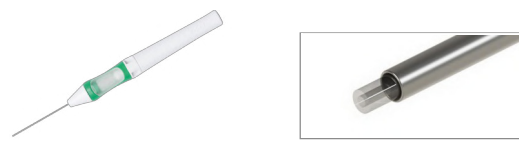
- Five millimeter longer shaft than standard forceps.

2281.STD06

Backflush Instrument with 23ga / 0.6 mm soft-tip cannula and
active aspiration

Colour coding: ●

Box/5 | Sterile: Yes



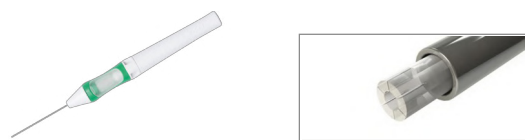
- Slimline design for easier movement and control;
- Reduced size of the handle;
- Improved aspiration flow at high vacuum levels, especially for the smaller gauge sizes;
- Less force required to activate reservoir;
- Larger reservoir.

2281.BTD06

Backflush Instrument with 23 gauge / 0.6 mm brush needle
and active aspiration.

Colour coding: ●

Box/5 | Sterile: Yes



- New ergonomical handle design to create optimal surgical control.
- Enlarged backflush reservoir.
- Overall more controlled and precise aspiration of intraocular fluids and/or debris.

INTRAOCULAR ILLUMINATION

3269.D06

Endoillumination Probe, including illuminated scleral depressor.
(23 gauge / 0.6 mm)

Colour coding: ●

Box/6 | Sterile: Yes



Fiber optic probe for straight illumination.

3269.E06

TotalView Endoillumination Probe, with 2 exchangeable tips.
(23 gauge / 0.6 mm)

Colour coding: ●

Box/6 | Sterile: Yes



With adjustable fiber/light intensity control, includes:

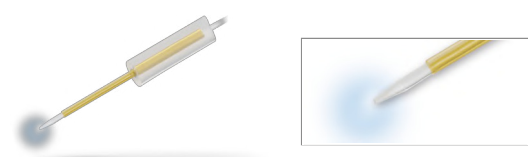
- Illuminated spatula pic tip
- Combined standard and
- TotalView endoillumination tip

3269.EB06

TotalView Chandelier for Eckardt cannula system.(23 gauge / 0.6 mm)

Colour coding: ●

Box/6 | Sterile: Yes



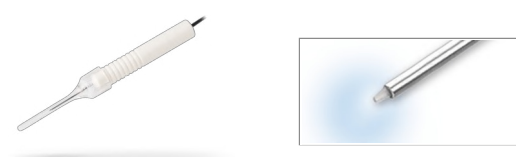
- TotalView fiber with polyimide cannula fixation.
- Adjustable fiber tip length.

3269.SB06

Spaide TotalView Endoillumination Probe, including illuminated scleral depressor.(23 gauge / 0.6 mm)

Colour coding: ●

Box/6 | Sterile: Yes



Unique tip design combined direct and diffuse wide field illumination.

3269.SBS06

Shielded TotalView Endoillumination Probe, including illuminated scleral depressor.(23 gauge / 0.6 mm)

Colour coding: ●

Box/6 | Sterile: Yes



3269.B06

TotalView Endoillumination Probe, including illuminated scleral depressor.(23 gauge / 0.6 mm)

Colour coding: ●

Box/6 | Sterile: Yes



Fiber optic probe with conical shaped fiber for wide field illumination.

3269.MF06

Combined 23G Eckardt Multi-Fiber Endoillumination Probe / Chandelier (23 gauge / 0.6mm)

Colour coding: ●

Box/6 | Sterile: Yes



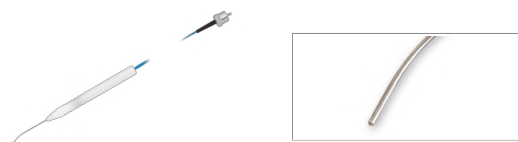
- Multifunctional Instrument
- One standard instrument for both endo- illumination or chandelier illumination
- Bimanual surgery
- TotalView style Illumination

LASERPROBES

CURVED STEPPED LASERPROBES

7511.IRI Stepped Laserprobe, with Iridex connector. (23 gauge / 0.6 mm)

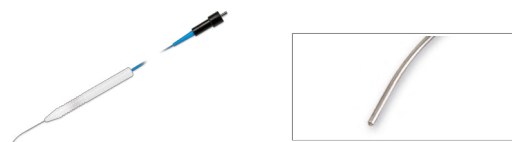
Box/6 | Sterile: Yes



- Flexible curved tip to access peripheral retina.
- Tapered tip from 23 gauge to 27 gauge.
- Economical probe technology.
- Suitable for most 23 gauge cannula systems.

7511.DORC Stepped Laserprobe, with DORC connector. (23 gauge / 0.6 mm)

Box/6 | Sterile: Yes



- Flexible curved tip to access peripheral retina.
- Tapered tip from 23 gauge to 27 gauge.
- Economical probe technology.
- Suitable for most 23 gauge cannula systems.

7511.ALC Stepped Laserprobe, with Alcon connector. (23 gauge / 0.6 mm)

Box/6 | Sterile: Yes



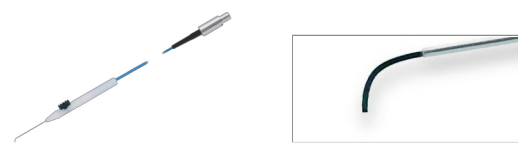
- Flexible curved tip to access peripheral retina.
- Tapered tip from 23 gauge to 27 gauge.
- Economical probe technology.
- Suitable for most 23 gauge cannula systems.

DIRECTIONAL LASERPROBES

7223.HGM Directional Laser Probe with HGM connector. (23 gauge / 0.6 mm)

Colour coding: ●

Box/6 | Sterile: Yes

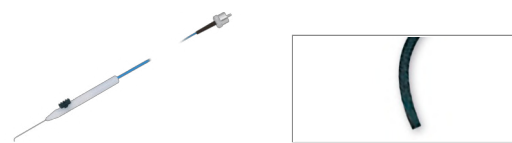


(Not available in the USA)

7223.IRI Directional Laser Probe with Iridex connector. (23 gauge / 0.6 mm)

Colour coding: ●

Box/6 | Sterile: Yes



(Not available in the USA)

7223.DORC Directional Laser Probe with DORC connector.(23 gauge / 0.6 mm)

Colour coding: ●

Box/6 | Sterile: Yes

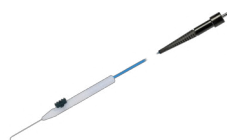


(Not available in the USA)

7223.ALC Directional Laser Probe with Alcon / Lumenis connector.(23 gauge / 0.6 mm)

Colour coding: ●

Box/6 | Sterile: Yes

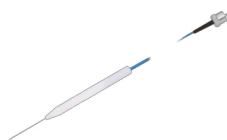


(Not available in the USA)

STANDARD LASERPROBES, STRAIGHT

7123.IRI Laser Probe, straight, with Iridex connector.(23 gauge / 0.6 mm)

Box/6 | Sterile: Yes



7123.DORC Laser Probe, straight, with DORC connector 23 gauge / 0.6mm.

Box/6 | Sterile: Yes



(Not available in the USA)

7123.ALC 23GA Straight Laser Probe with Alcon adaptor

Box/6 | Sterile: Yes

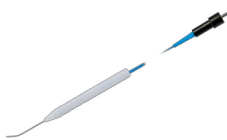


ILLUMINATED STEPPED LASERPROBES

7510.DORC Illuminated Stepped Laser Probe, Curved **With tapered tip for use in combination with 23ga vitrectomy system 23G / 0,6 mm

Colour coding: ●

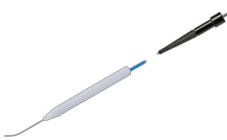
Box/6 | Sterile: Yes



7510.ALC Illuminated Stepped Laser Probe, Curved **With tapered tip for use in combination with 23ga vitrectomy system 23G / 0,6 mm

Colour coding: ●

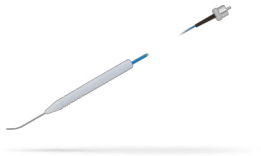
Box/6 | Sterile: Yes



7510.IRI

Laser Probe, illuminated, stepped, curved, with tapered tip and
Iridex connector. (23 gauge / 0.6 mm)

Box/6 | Sterile: Yes



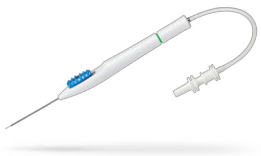
?Not available in the USA

MISCELLANEOUS DISPOSABLES

1270.EXT

Extendible 41G subretinal injection needle. (23 gauge / 0.6 mm)

Box/5 | Sterile: Yes



Enables controlled subretinal injection of TPA.

1272.ILM06

Disposable ILM Micro Pick Needle. (23 gauge / 0.6 mm)

Box/5 | Sterile: Yes



1272.SD23

23-gauge soft tipped cannulas

Box/5 | Sterile: Yes



1272.SDT23

Spaide soft-tipped diamond dusted cannula. (23 gauge/0.6 mm)

Box/5 | Sterile: Yes



For Triamcinolone removal.

1272.VFI06

Disposable VFI Cannula, with 7mm thin wall polyimide tip. (23
gauge / 0.6 mm)

Box/5 | Sterile: Yes



1290.ECS06

Extendible curved spatula. (23 gauge / 0.6 mm)

Colour coding: ●

Box/5 | Sterile: Yes



1279.IA

Disposable Universal silicone infusion line for 23 gauge / 0.6 mm cannula system.

Box/5 | Sterile: Yes



Suitable for irrigation incl. VFI/VFE.

1279.IAR

Universal silicone infusion line for 23 gauge/0.6 mm cannula system.

Set/5 | Sterile: No



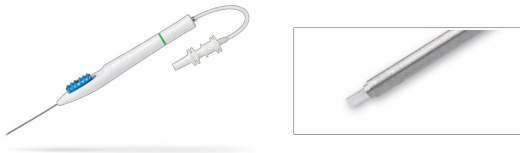
Suitable for irrigation incl. VFI/VFE.

1290.BTD23

Extendible brush backflush instrument with active aspiration. (23 gauge / 0.6 mm)

Colour coding: ●

Box/5 | Sterile: Yes



- Backflush instrument with silicone brush needle for passive aspiration with simultaneous atraumatic 'brushing' of the retinal surface.
- May also be used for repositioning of retinal folds or breaks.

1281.CD27

Backflush Needle with tapered tip from 23 gauge/0.6 mm to 27 gauge/0.4 mm and luer lock connector for use with 1281.C handpiece.

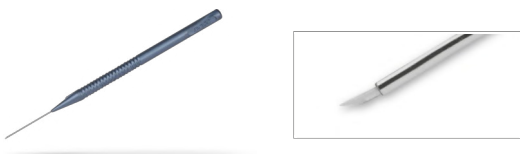
Box/10 | Sterile: Yes



1290.DSS06

Diamond Dusted Sweeper. (23 gauge/0.6 mm)

Box/5 | Sterile: Yes



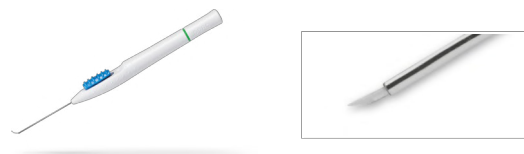
- Diamond dusted silicone tipped manipulator.
- Tissue 'sweeping' for ILM, PVR, Macular Rotation and other tissue manipulation.
- Not available in the USA.

1290.EXS23

Extendible diamond dusted sweeper. (23 gauge / 0.6 mm)

Colour coding: ●

Box/5 | Sterile: Yes



- Diamond dusted silicone tipped manipulator.
- Tissue 'sweeping' for ILM, PVR, Macular Rotation and other tissue manipulation.
- Not available in the USA.

1279.HF

High flow infusion line for 20, 23, 25 & 27G cannula system

Box/6 | Sterile: Yes



1279.VFI

Universal PVC infusion line for 23G cannula system for VFI/VFE

Box/5 | Sterile: Yes



TRANSCONJUNCTIVAL SYSTEM

1272.E06

Reusable Two step cannula system. (23 gauge / 0.6 mm)

Set/1 | Sterile: No



Eckardt 23 gauge cannula system

Consisting of:

- 5x Universal Cannulas/Closure Valves (Box/4, sterile)
- 3 x Closure Plugs (long)
- 3 x Closure Plugs (short)
- 3 x Blunt Insertor
- 1 x Universal Infusion Line
- Sterilization Box

NOTE : Excluding 2115 pressure plate & 1278 Eckardt 23g cannula forceps not included in set.

1272.ERPP1

Reusable universal cannula. (23 gauge / 0.6 mm)

Set/2 | Sterile: No



1272.ERPP2

Reusable infusion cannula with 3.6 mm shaft.
(23 gauge / 0.6 mm)

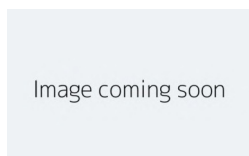
Set/2 | Sterile: No



1272.ERPP3

Reusable long closure plugs. (23 gauge / 0.6 mm)

Set/2 | Sterile: No



1272.ERPP7

Reusable infusion cannula with 5.5 mm shaft,
including blunt insertor.

Set/2 | Sterile: No



2115

Eckardt Pressure Plate. (23 gauge / 0.6 mm)

Box/1 | Sterile: No



- Pressure plate to fixate the conjunctiva at the sclera during the incision & cannula insertion procedure.
This instrument is based on the original idea of Dr. Robert G. Josephberg, NY - USA

MICROFORCEPS / MICROSCISSORS

1286.B06

Microforceps: End-gripping. (23 gauge / 0.6 mm)

Colour coding: ● ●

Box/1 | Sterile: No



- Blunt tipped forceps with a small grasping platform on each tip.
- For grasping fine membranes or grasping membranes adherent to the retinal surface.

1286.C06

Microforceps: Serrated Jaws. (23 gauge / 0.6 mm)

Colour coding: ● ●

Box/1 | Sterile: No



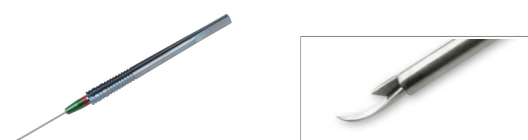
- Blunt tipped forceps with entire interior surface of tip serrated.
- For general purpose membrane grasping.

1286.E06

Microscissors: Vertical. (23 gauge / 0.6 mm)

Colour coding: ● ●

Box/1 | Sterile: No



- Vertical scissors with cutting action.
- Rounded lower inferior edge of scissors blade minimizes unintentional engagement of retina.

1286.J06

Microscissors: Straight. (23 gauge / 0.6 mm)

Colour coding: ● ● ●

Box/1 | Sterile: No



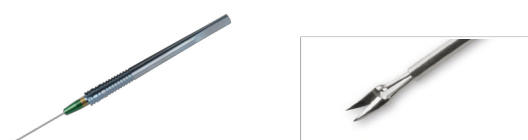
- Sharp tipped straight scissors.
- For cutting in the iris plane or cutting peripheral membranes.

1286.M06

Microscissors: Curved, Horizontal. (23 gauge / 0.6 mm)

Colour coding: ● ●

Box/1 | Sterile: No



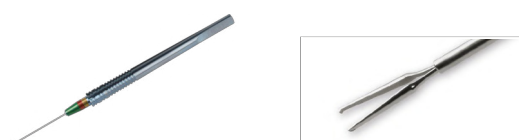
- Sharp tipped scissors with a horizontal curvature of 12 mm to follow the contour of the retina.
- For cutting in the plane parallel to the retina, cutting membranes adherent to the retinal surface and all purpose membrane cutting.

1286.W06

Microforceps: Eckardt End-gripping. (23 gauge / 0.6 mm)

Colour coding: ● ● ●

Box/1 | Sterile: No



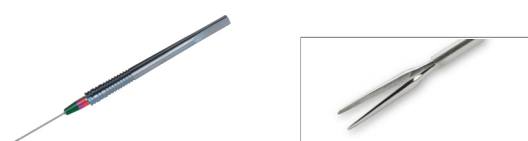
- Microforceps with 'nail-like' end-gripping platforms; for precise grasping and improved visualization of thin membranes in the macular region.
- The most preferred ILM forceps !
- Developed with Prof. M.D. Claus Eckardt.

1286.DIA06

Microforceps: Diamond-dusted. (23 gauge / 0.6 mm)

Colour coding: ● ● ●

Box/1 | Sterile: No

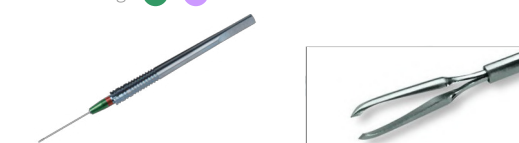


2286.K06

Microforceps: Asymmetrical endgripping. (23 gauge / 0.6 mm)

Colour coding: ● ●

Box/1 | Sterile: No



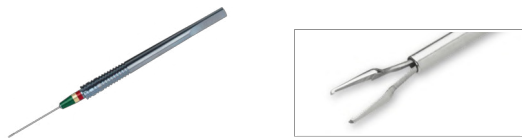
The Tano Asymmetrical Microforceps features an offset tip which allows optimal visualization along the entire tip length. Versatile tip design targets ILM, fine epiretinal membranes and diabetic or PVR membranes. Excellent multipurpose instrument. Interior end-gripping platforms are slightly roughened for assured grasping. Anti-Reflective tip and shaft further improves visualization.

1286.WP06

Microforceps: Eckardt Power End-gripping. (23 gauge / 0.6 mm)

Colour coding:   

Box/1 | Sterile: No



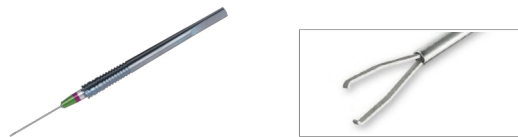
- Microforceps with 'nail-like' end-gripping platforms.
- For PVR membrane peeling, general & ILM membrane peeling.
- Length of instrument tip is reduced with 50% i.c.w. 1286.W Grasping power is increased with 200% i.c.w. 1286.W.

1286.ILM06

Microforceps: ILM. (23 gauge / 0.6 mm)

Colour coding:   

Box/1 | Sterile: No



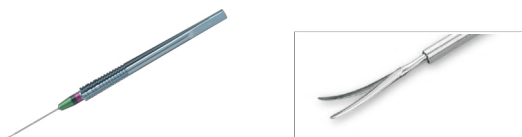
- Thin instrument tips for precise grasping and removal of the ILM.
- Improved visualization of thin membranes in macular region.

2286.O06

Microscissors: Ovali Spatula / Scissors (23 gauge / 0.6 mm)

Colour coding:   

Box/1 | Sterile: No

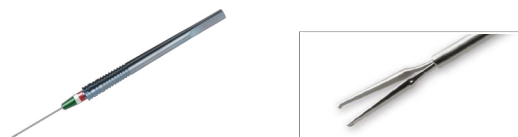


1286.WH06

Microforceps: High Myopic Eckardt End-gripping. (23 gauge / 0.6 mm)

Colour coding:   

Box/1 | Sterile: No



- Indications for Use : For operating on high myopic eyes.
- Features & Benefits : Available in 23- and 25 Gauge formats.
- USP's Five millimeter longer shaft than standard forceps.

1286.ABF

Akgül Biopsy Forceps with sharp tip. (23 gauge / 0.6 mm)

Box/1 | Sterile: No



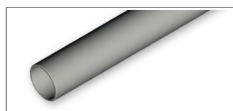
- Unique Instrument design for precise, controlled and minimal invasive biopsy procedures, 23G / 0.6 mm.
- The minimal invasive concept results in minimal complications and optimal biopsy results.
- Biopsy without cell damage structure for optimal histological diagnostic results and avoids repeating biopsy procedures.
- Developed in cooperation with Prof. N. Bornfeld and Dr. H. Akgül from the University Clinic in Essen, Germany.
- Indications for use: Iris Biopsy, Choroid Biopsy

BACKFLUSH INSTRUMENTS AND ACCESSORIES

1281.A506

Replacement backflush Needle, straight. (23 gauge / 0.6 mm)

Box/1 | Sterile: No



For 1281-A/B backflush handpiece.

1281.A5D06

Replacement backflush needle, straight 23G / 0.6 mm for

1281.C backflush handpiece

Box/10 | Sterile: Yes



1281.B1D06

Disposable Replacement backflush brush Needles.
(23 gauge / 0.6mm)

Box/10 | Sterile: Yes



For 1281-A/B backflush handpiece.

1281.C

Eckardt Backflush Handpiece with luer lock.
(23 gauge / 0.6 mm)

Box/1 | Sterile: No



- Passive backflush instrument with extra large reservoir for increased backflush capacity.
- Luer-lock connector for backflush needles. 23G/ 0.6 mm. straight blunt needle.

1281.C1

Large replacement backflush Reservoir for 1281.C.

Set/10 | Sterile: No



1281.CD27

Backflush Needle with tapered tip from 23 gauge/0.6 mm to
27 gauge/0.4 mm and luer lock connector for use with
1281.C handpiece.

Box/10 | Sterile: Yes



1281.BD27

Backflush Needle with tapered tip from 23 gauge/0.6 mm to
27 gauge/0.4 mm for use with classic DORC backflush
handpiece.

Box/10 | Sterile: Yes



MEMBRANE INSTRUMENTS

1292.E06

Eckardt Membrane Pic. (23 gauge / 0.6 mm)

Colour coding:  

Box/1 | Sterile: No



Membrane pic angled at 100° with a distal end that tapers to 0.3 mm. for improved visualization and precise membrane delamination.

DIATHERMY

1120.A

Diathermy cable, for 1120 / 1121 / 1122 / 1120-0.5 /
1120-D-0.5 and 1120-0.6 handles.

Box/1 | Sterile: No



1120.06

Endo-diathermy handle, straight pointed tip.
(23 gauge / 0.6 mm)

Box/1 | Sterile: No



25G DISPOSABLE 25 GAUGE

TRANSCONJUNCTIVAL SYSTEM

1272.ED205

Disposable One step cannula system. (25 gauge / 0.5 mm)

Colour coding: 

Box/5 | Sterile: Yes



Features & Benefits :

- Revolutionary, new MVR blade Requires more than 50% less insertion pressure.
- USP's Unique translucent, newly developed closure valve provides enhanced visibility when entering instruments.
- Developed in cooperation with Prof. Dr. Szurman

VITRECTOMES

STANDARD

2267.NMD05

Disposable Pneumatic Vitrectome, (25 gauge/0.5mm)
(working with 37 P.S.I. max. 2500 cuts/min)

Box/6 | Sterile: Yes

8267.VIT25

Colour coding: ●

Disposable High Speed Cutter 25G/8000CPM

Box of 6 | Sterile: No



TDC

6268.NMD05

Disposable High Speed TDC Cutter 25 G / 6000 CPM DORC
Continuum range

Colour coding: ●

Box/6 | Sterile: Yes

8268.VIT25

Colour coding: ●

Disposable High Speed TDC Cutter 25G / 8000 CPM DORC
Continuum range

Box/6 | Sterile: Yes



Indications for Use :

- For quick and safe removal of vitreous

Features & Benefits :

- SAFER : Double cutting speed reduces traction on surrounding tissue.
- FASTER : Duty cycle of 92% creates constant aspiratin flow independent from cutting speed.
- INCREASED aspiration flow up to three times more than normal rate.
- BETTER : Reduced "surge" turbulence at aspiration port from constant opening of the aspiration port.

Indications for Use :

- For quick and safe removal of vitreous

Features & Benefits :

- SAFER : Double cutting speed reduces traction on surrounding tissue.
- FASTER : Duty cycle of 92% creates constant aspiratin flow independent from cutting speed.
- INCREASED aspiration flow up to three times more than normal rate.
- BETTER : Reduced "surge" turbulence at aspiration port from constant opening of the aspiration port.

MICROFORCEPS / MICROSCISSORS

1286.ED05

Disposable Microscissors: Vertical.(25 gauge / 0.5 mm)

Colour coding: ●

Box/5 | Sterile: Yes

1286.MD05

Disposable Microscissors: Curved, Horizontal.(25 gauge / 0.5 mm)

Colour coding: ●

Box/5 | Sterile: Yes



- Vertical scissors with cutting action.
- Rounded lower inferior edge of scissors blade minimizes unintentional engagement of retina.

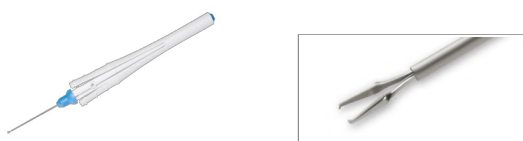
- Sharp tipped scissors with a horizontal curvature of 12 mm to follow the contour of the retina.
- For cutting in the plane parallel to the retina, cutting membranes adherent to the retinal surface and all purpose membrane cutting.

1286.WD05

Disposable Microforceps: Eckardt End-gripping.
(25 gauge / 0.5 mm)

Colour coding: ●

Box/5 | Sterile: Yes



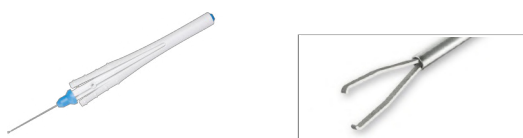
- Microforceps with 'nail-like' end-gripping platforms; for precise grasping and improved visualization of thin membranes in the macular region.
- The most preferred ILM forceps !
- Developed with Prof. M.D. Claus Eckardt.

1286.ILMD5

Disposable Microforceps: ILM. (25 gauge / 0.5 mm)

Colour coding: ●

Box/5 | Sterile: Yes



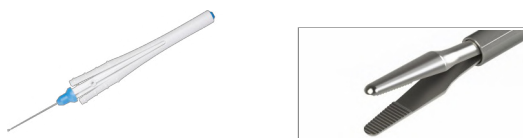
- Thin instrument tips for precise grasping and removal of the ILM.
- Improved visualization of thin membranes in macular region.

2286.CD305

Disposable Microforceps Ultra peel 25 gauge / 0.5mm

Colour coding: ●

Box/5 | Sterile: Yes



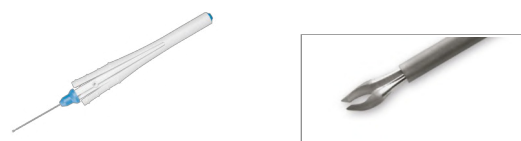
- Designed for single-movement peeling of thicker, more fibrotic membranes
- Blunt, rounded tip design and optimal shaft stiffness provides precise control for smaller gauge surgery

2286.KD05

Disposable Microforceps: Asymmetrical endgripping
(25 gauge / 0.5 mm)

Colour coding: ●

Box/5 | Sterile: Yes



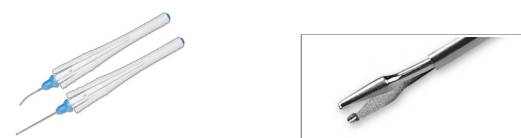
- The Tano Asymmetrical Microforceps features an offset tip which allows optimal visualization along the entire tip length.
- Versatile tip design targets ILM, fine epiretinal membranes and diabetic or PVR membranes.
- Excellent multipurpose instrument. Interior end-gripping platforms are slightly roughened for assured grasping.
- Anti-Reflective tip and shaft further improves visualization.

1286.SFD

Scharioth IOL Scleral Fixation forceps, straight & curved.
(25 gauge / 0.5mm)

Colour coding: ●

Set/2 | Sterile: Yes



BACKFLUSH INSTRUMENTS

1281.BTD05

Disposable Backflush instrument, with brush needle and active aspiration. (25 gauge / 0.5 mm)

Box/5 | Sterile: Yes

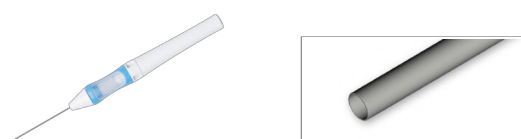


2281.AD05

Backflush Instrument with 25 Ga / 0.5 mm blunt needle and active aspiration

Colour coding: ●

Box/5 | Sterile: Yes



- New ergonomical handle design to create optimal surgical control. Enlarged backflush reservoir.
- Overall more controlled and precise aspiration of intraocular fluids and/or debris.



Disposable Microforceps

Ultra peel 25 gauge / 0.5mm

Ultra peel 27 gauge / 0.4mm

Ref. 2286.CD305 / 2286.CD304



"For me, the key feature of these forceps is the feeling when I perform the first rip and peel of the membrane. I believe this control is specifically due to the unique, rounded design of the tip of these forceps. Using this tip, I can peel in various locations across the retina and the rounded tip will ensure an equal grip of the membrane. The rounded tip also provides a more gentle touch whilst other forceps seem to have a sharper, square edge.

Why is this difference important? Because I feel it has been designed to ensure a tangential contact with the membrane, easy to rip and gentle to peel."

Features and benefits:

- **Designed for single-movement peeling of thicker, more fibrotic membranes**
- **27g delivers over 90% equivalent grasping area vs 23g design, 25g delivers similar grasping area vs the 23g designs**
- **Blunt, rounded tip design and optimal shaft stiffness provides precise control for smaller gauge surgery**

Developed in collaboration with Kazuhito Yoneda, MD, PhD, Japan



Scharioth IOL Scleral Fixation forceps, straight & curved

(25 gauge / 0.5mm)

Ref. 1286.SFD

"The intrascleral tunnel haptic fixation technique first described by Gabor Scharioth in 2007 was a very significant advance for patients requiring IOL fixation without capsular support. It allows secure and stable 3 piece IOL fixation with reduced risk and complications compared to suture fixation. Some surgeons however have struggled with the technique and in many of these cases it has been because they were using forceps designed for peeling membranes or general purpose crocodile style forceps.

The DORC Scharioth forceps set are custom made for the procedure and in my opinion are key to its successful completion. They come supplied as one long 25g forceps and one short curved forceps. Each has the same grasping platform with a single central axial groove in both of its opposing surfaces. Both forceps have the ability to open widely and close with high gripping strength with the classic DORC pencil grip actuation handle.

An integral part of the technique is the ability to grasp the IOL haptics by the very tip when removing them from the sclerostomy or passing them through the tunnels for fixation. This requires the surgeon to use a bimanual 'hand shake' technique of holding the haptic in one forceps in the correct position intraocularly, to then grasp the tip with the other forceps - I hold with the long straight forceps and remove the haptic through the sclerostomy with the short curved forceps. The curve on the short forceps is critical to permit this, particularly in deeper set globes or those with restricted access with narrow palpebral apertures.

The grooved tips allow secure holding of the haptic whilst removal through the sclerostomy but without a shearing action which can cut the haptic off. Similarly when grasping the haptic tip to push it through the superficial scleral tunnel the groove helps align it with the forceps tip for smooth passage through the tunnel. Again I use the short curved forceps for this manoeuvre which allows me to optimise the angle for finding the tunnel entrance.

The tips are also end gripping in action meaning that the long one can be used to pick IOLs from the surface of the retina by either the haptics or residual adherent capsule."



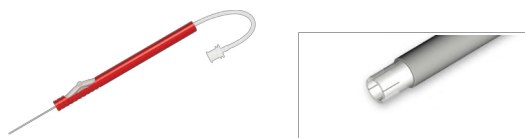
**Dr. David Steel, Consultant
Ophthalmologist and VR surgeon,
Sunderland Eye Infirmary, UK**

"The DORC Scharioth forceps set are custom made for the procedure and in my opinion are key to its successful completion."

1281.BTDH5

Disposable High Myopic Backflush instrument, with brush
needle and active aspiration. (25 gauge / 0.5 mm)

Box/5 | Sterile: Yes



Indications for Use :

- For operating on high myopic eyes.

Features & Benefits :

- Available in 23- and 25 Gauge formats.

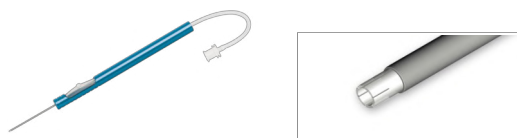
USP's

- Five millimeter longer shaft than standard forceps.

1281.SD05

Disposable Shiraga Backflush instrument, with extendible brush
tip and active aspiration. (25 gauge / 0.5 mm)

Box/5 | Sterile: Yes

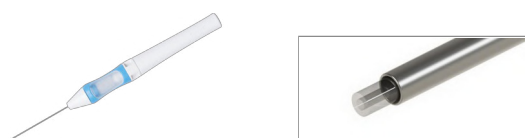


2281.STD05

Backflush Instrument with 25ga / 0.5 mm soft-tip cannula and
active aspiration

Colour coding: ●

Box/5 | Sterile: Yes



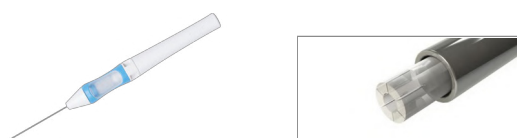
- Slimline design for easier movement and control;
- Reduced size of the handle;
- Improved aspiration flow at high vacuum levels, especially for the smaller gauge sizes;
- Less force required to activate reservoir;
- Larger reservoir.

2281.BTD05

Backflush Instrument with 25 Ga / 0.5 mm brush needle and
active aspiration

Colour coding: ●

Box/5 | Sterile: Yes



- New ergonomical handle design to create optimal surgical control.
- Enlarged backflush reservoir.
- Overall more controlled and precise aspiration of intraocular fluids and/or debris.

INTRAOCULAR ILLUMINATION

3269.B05

TotalView Endoillumination Probe, including illuminated scleral
depressor. (25 gauge / 0.5 mm)

Colour coding: ●

Box/6 | Sterile: Yes



Fiber optic probe with conical shaped fiber for wide field illumination.

3269.D05

Endoillumination Probe, including illuminated scleral depressor.
(25 gauge / 0.5 mm)

Colour coding: ●

Box/6 | Sterile: Yes



Fiber optic probe for straight illumination.

3269.EB05

TotalView Chandelier for cannula system.
(25 gauge / 0.5 mm)

Colour coding: ●

Box/6 | Sterile: Yes



- TotalView fiber with polyimide cannula fixation.
- Adjustable fiber tip length.

3269.SBS05

Shielded TotalView Endoillumination Probe, including
illuminated scleral depressor. (25 gauge / 0.5 mm)

Colour coding: ●

Box/6 | Sterile: Yes



3269.SB05

Spaide TotalView Endoillumination Probe, including illuminated
scleral depressor. (25 gauge / 0.5 mm)

Colour coding: ●

Box/6 | Sterile: Yes



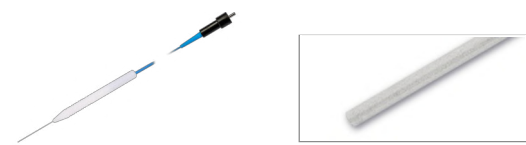
LASERPROBES

STANDARD LASERPROBES, STRAIGHT

7025.DORC

Laser Probe, straight, with DORC connector 25 gauge / 0.5mm.

Box/6 | Sterile: Yes



(Not available in the USA)

7025.ALC

25GA Straight Laser Probe with Alcon adaptor

Box/6 | Sterile: Yes



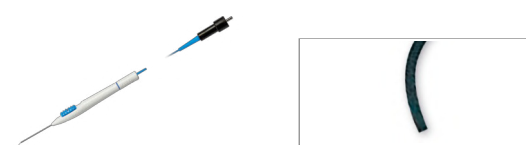
DIRECTIONAL LASERPROBES

7225.DORC

Directional Laser Probe with DORC connector.
(25 gauge / 0.5 mm)

Colour coding: ●

Box/6 | Sterile: Yes



(Not available in the USA)

7225.ALC

Directional Laser Probe with Alcon / Lumenis connector.
(25 gauge / 0.5 mm)

Colour coding: ●

Box/6 | Sterile: Yes



(Not available in the USA)

7225.IRI

Directional Laser Probe with Iridex connector.
(25 gauge / 0.5 mm)

Colour coding: ●

Box/6 | Sterile: Yes



(Not available in the USA)

CURVED STEPPED LASERPROBES

7525.DORC

Stepped Laser probe, 25 gauge / 0,5mm
with DORC® connector

Colour coding: ●

Box/6 | Sterile: Yes



Indications for Use :

- Flexible curved tip to access peripheral retina.
- Suitable for most 25 gauge cannula systems.

Features & Benefits :

- Tapered tip from 0.5 mm to 0.35 mm

USP's :

- Economical probe technology.

7525.ALC

Stepped Laser probe, 25 gauge / 0,5mm
with Alcon® connector

Colour coding: ●

Box/6 | Sterile: Yes



Indications for Use :

- Flexible curved tip to access peripheral retina.
- Suitable for most 25 gauge cannula systems.

Features & Benefits :

- Tapered tip from 0.5 mm to 0.35 mm

USP's

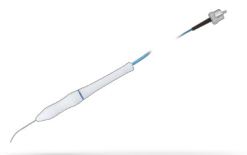
- Economical probe technology.

7525.IRI

Stepped Laser probe, 25 gauge / 0,5mm
with Iridex® adaptor curved

Colour coding: ●

Box/6 | Sterile: Yes



Indications for Use :

- Flexible curved tip to access peripheral retina.
- Suitable for most 25 gauge cannula systems.

Features & Benefits :

- Tapered tip from 0.5 mm to 0.35 mm

USP's :

- Economical probe technology.

ILLUMINATED STEPPED LASERPROBES


7625.DORC Illuminated Curved Laserprobe 25G/0.5mm with DORC® connector

Colour coding:  Box/6 | Sterile: Yes



- Enabling bi-manual small gauge surgery
- Multi-function laser probe
- Curved, designed for laser application to the periphery
- Ideal for 360 degree laser application
- Designed to provide clear visualization of the treatment area during photocoagulation

7625.ALC Illuminated Curved Laserprobe 25G/0.5mm with Alcon® connector

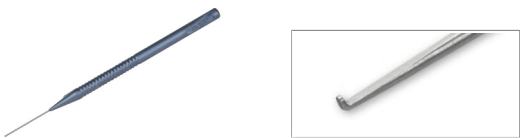
Colour coding:  Box/6 | Sterile: Yes



- Enabling bi-manual small gauge surgery
- Multi-function laser probe
- Curved, designed for laser application to the periphery
- Ideal for 360 degree laser application
- Designed to provide clear visualization of the treatment area during photocoagulation

MEMBRANE INSTRUMENTS

1292.ED05 Disposable Eckardt Membrane Pic. (25 gauge / 0.5 mm) Box/5 | Sterile: Yes



Membrane pic angled at 100° with a distal end that tapers to 0.3 mm. for improved visualization and precise membrane delamination.

MISCELLANEOUS DISPOSABLES

1272.SD25 25-gauge soft tipped cannulas Box/5 | Sterile: Yes



1272.VFI05 Disposable VFI Cannula, with 7mm thin wall polyimide tip. (25 gauge / 0.5 mm) Box/5 | Sterile: Yes





Illuminated Curved Laser probe with DORC® connector (25 gauge / 0.5 mm)

Ref. 7625.DORC



"Illuminated laser probes are for me the best tool to complete bimanual surgery in complicated cases i.e. diabetic tractional detachment. It allows to maintain good visibility whilst working in peripheral parts of the retina either with external indentation or when applying additional internal diathermy. Its bright and adjustable light power helps further in mild vitreous opacities like residual haemorrhage."

Features & Benefits:

- Multi-function laser probe
- Curved, designed for laser application to the periphery
- Ideal for 360 degree laser application
- Designed to provide clear visualization of the treatment area during photocoagulation
- Available in two versions: with either the DORC connector (7625.DORC) or connector compatible with Alcon surgical systems (7625.ALC)

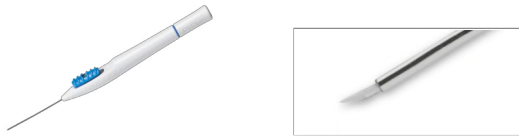
Dr. Andreas Mohr,
head of Ophthalmology Department
at St. Joseph - Stift Hospital,
Bremen, Germany

1290.EXS25

Extendible diamond dusted sweeper. (25 gauge / 0.5 mm)

Colour coding: 

Box/5 | Sterile: Yes

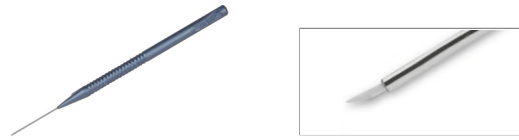


- Indications for Use : Tissue "sweeping" for ILM, PVR, Macular Rotation and other tissue manipulation.
- Features & Benefits : Extendible tip design for smooth insertion through a 25 gauge cannula with closure valves
- USP's Diamond-dusted, silicone-tipped manipulator

1290.DSS05

Diamond Dusted Sweeper. (25 gauge/0.5 mm)

Box/5 | Sterile: Yes



- Diamond dusted silicone tipped manipulator.
- Tissue 'sweeping' for ILM, PVR, Macular Rotation and other tissue manipulation.
- Not available in the USA.

25G REUSABLE 25 GAUGE

MICROFORCEPS / MICROSCISSORS

1286.E05

Microscissors: Vertical. (25 gauge / 0.5 mm)

Colour coding:   

Box/1 | Sterile: No



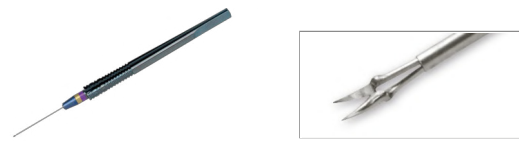
- Vertical scissors with cutting action.
- Rounded lower inferior edge of scissors blade minimizes unintentional engagement of retina.

1286.M05

Microscissors: Curved, Horizontal. (25 gauge / 0.5 mm)

Colour coding:   

Box/1 | Sterile: No



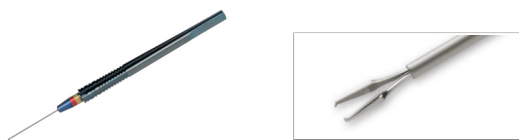
- Sharp tipped scissors with a horizontal curvature of 12 mm to follow the contour of the retina.
- For cutting in the plane parallel to the retina, cutting membranes adherent to the retinal surface and all purpose membrane cutting.

1286.W05

Microforceps: Eckardt End-gripping. (25 gauge / 0.5 mm)

Colour coding:   

Box/1 | Sterile: No



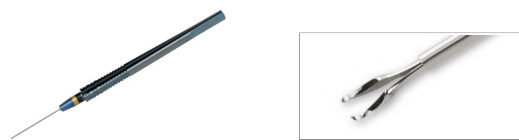
- Microforceps with 'nail-like' end-gripping platforms; for precise grasping and improved visualization of thin membranes in the macular region.
- The most preferred ILM forceps !
- Developed with Prof. M.D. Claus Eckardt.

2286.I05

Microforceps: Asymmetrical endgripping. (25 gauge / 0.5 mm)

Colour coding:   

Box/1 | Sterile: No



- The Tano Asymmetrical Microforceps features an offset tip which allows optimal visualization along the entire tip length.
- Versatile tip design targets ILM, fine epiretinal membranes and diabetic or PVR membranes.
- Excellent multipurpose instrument.
- Interior end-gripping platforms are slightly roughened for assured grasping.
- Anti-Reflective tip and shaft further improves visualization.

1286.ILM05

Microforceps: ILM.(25 gauge / 0.5 mm)

Colour coding:   

Box/1 | Sterile: No



- Thin instrument tips for precise grasping and removal of the ILM.
- Improved visualization of thin membranes in macular region.

1286.C305

Microforceps: Shah Micro Serrated Jaws.(25 gauge / 0.5 mm)

Colour coding:   

Box/1 | Sterile: No



- Multifunction fine-tipped forceps that can be used to grasp the ILM.
- The serrated platform allows for maximum grasping of tissue once it has been elevated.
- Also very useful for immature membranes.

1286.WH05

Microforceps: High Myopic Eckardt End-gripping.
(25 gauge / 0.5 mm)

Colour coding:   

Box/1 | Sterile: No



- Indications for Use : For operating on high myopic eyes.
- Features & Benefits : Available in 23- and 25 Gauge formats.
- USP's Five millimeter longer shaft than standard forceps.

DIATHERMY

1120.A

Diathermy cable, for 1120 / 1121 / 1122 / 1120-0.5 /
1120-D-0.5 and 1120-0.6 handles.

Box/1 | Sterile: No



1120.05

Endo-diathermy handle, straight pointed tip.
(25 gauge / 0.5mm)

Box/1 | Sterile: No



TRANSCONJUNCTIVAL SYSTEM

1272.ED204 Disposable One step cannula system. (27 gauge / 0.4 mm)

Colour coding: ●

Box/5 | Sterile: Yes



Features & Benefits :

- Revolutionary, new MVR blade Requires more than 50% less insertion pressure.
- USP's Unique translucent, newly developed closure valve provides enhanced visibility when entering instruments.
- Developed in corporation with Prof. Dr. Szurman

VITRECTOMES

STANDARD

2267.NMD04 Disposable High-Speed Vitrectome. (27 gauge / 0.4 mm)
(working with 37 P.S.I., max. 2500 cuts/min)

Box/6 | Sterile: Yes

6267.NMD04 Disposable Pneumatic Vitrectome. (27 gauge / 0.4 mm)
(working with 42 P.S.I., max. 6000 cuts/min)

Box/6 | Sterile: Yes



8267.VIT27 Disposable High Speed Cutter 27G/8000CPM

Colour coding: ●

Box of 6 | Sterile: Yes



TDC

6268.NMD04

Disposable High Speed TDC Cutter 27G / 6000 CPM DORC

Continuum range

Colour coding: 

Box/6 | Sterile: Yes



Indications for Use :

- For quick and safe removal of vitreous

Features & Benefits :

- SAFER : Double cutting speed reduces traction on surrounding tissue.
- FASTER : Duty cycle of 92% creates constant aspiratin flow independent from cutting speed.
- INCREASED aspiration flow up to three times more than normal rate.
- BETTER : Reduced "surge" turbulence at aspiration port from constant opening of the aspiration port.

8268.VIT27

Disposable High Speed TDC Cutter 27G / 8000 CPM DORC

Continuum range

Colour coding: 

Box/6 | Sterile: Yes



Indications for Use :

- For quick and safe removal of vitreous

Features & Benefits :

- SAFER : Double cutting speed reduces traction on surrounding tissue.
- FASTER : Duty cycle of 92% creates constant aspiratin flow independent from cutting speed.
- INCREASED aspiration flow up to three times more than normal rate.
- BETTER : Reduced "surge" turbulence at aspiration port from constant opening of the aspiration port.

8310.27KS

27G Ultra Short Vitrectomy Kit

Colour coding: 

Box/1 kit | Sterile: Yes



Optimised for challenges of smaller eyes. Includes 3 instruments:

- 27G Ultra Short One-Step cannula system (with 25% shorter* inserter and trocar; trocar designed to improve retention);
- 27G Ultra Short Shielded TotalView Endoillumination Probe (20%shorter*);
- 27G Ultra Short TDC Cutter (20% shorter, rigidity increased by 60%*).

* compared to standard 27G instruments

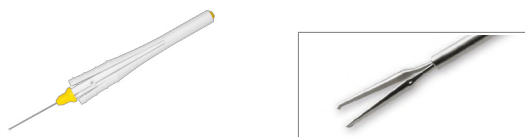
MICROFORCEPS / MICROSCISSORS

1286.WD04

Disposable Microforceps: Eckardt End-Gripping, 27 Gauge
/0.4 mm

Colour coding: 

Box/5 | Sterile: Yes



1286.WPD04

Disposable Microforceps: Power End-gripping 27 gauge
/ 0.4 mm.

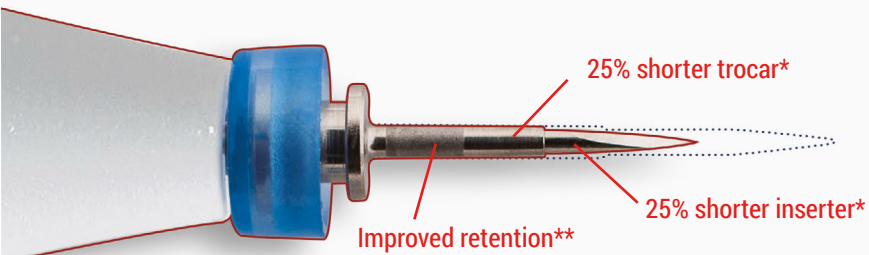
Colour coding: 

Box/5 | Sterile: Yes



- Microforceps with 'nail-like' end-gripping platforms; for precise grasping and improved visualization of thin membranes in the macular region.
- The most preferred ILM forceps !
- Developed with Prof. M.D. Claus Eckardt.

27G Ultra Short Disposable One-Step cannula system

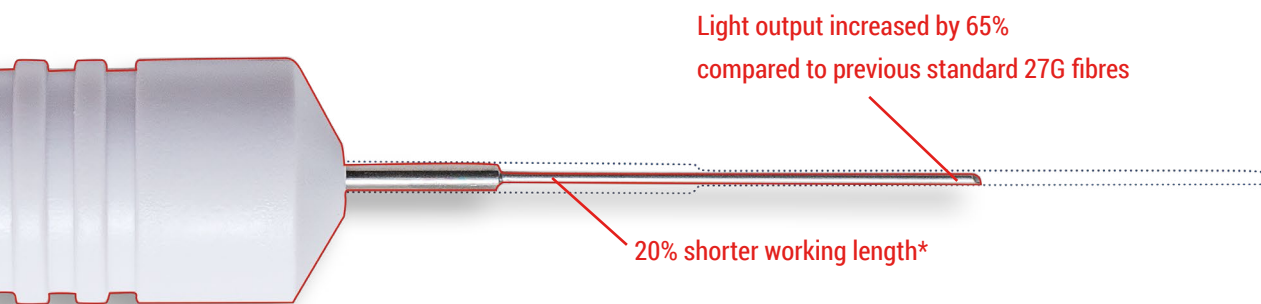


27G Ultra Short Vitrectomy Kit

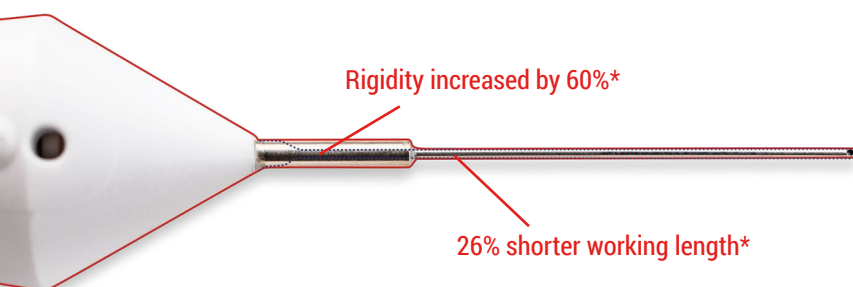
(ref. 8310.27KS)

Optimised for challenges of smaller eyes.

27G Ultra Short Shielded TotalView Endoillumination Probe, including scleral depressor



27G Ultra Short Disposable 8000 CPM TDC cutter



* compared to standard 27G instruments
** designed to improve retention



Fanny Nerinckx, MD, Head of Vitreoretinal Surgery Unit, Ghent University Hospital, Belgium.

"Shorter trocars and vitrectome reduce risk of damage to retina when it is displaced to the anterior pole. The sandblasted upper shaft of the trocar cannula aids retention in the sclera particularly when rotating the eye. The blade design ensures smooth insertion even in cases with high scleral elasticity. Finally, the enhanced rigidity of the 27G vitrectome helps with grasping and removing fibrovascular tissue. Overall I would recommend the use of the 27G Ultra Short Vitrectomy Kit for the VR cases in smaller eyes with restricted working space".



Eckardt End-Gripping 27 Gauge/0.4 mm)

Disposable Microforceps

Ref. 1286.WD04

"In case of ILM peeling precise surgical control over tissue is essential. Eckardt End-Gripping 27 gauge microforceps with "nail-like" end-gripping platforms provide precise and gentle grip of ILM with minimized risk of retinal trauma. Remarkably it does not only sit perfectly in hand but also allows for sufficient grasping strength and consistency in removal of tight fibrotic membranes."

- Microforceps with 'nail-like' end-gripping platforms
- For precise grasping and improved visualization of thin membranes in the macular region
- Developed with Prof. M.D. Claus Eckardt



**Dr. Katarína Perduková, vitreoretinal
surgeon, University hospital of
L.Pasteur Košice, Slovakia**

2286.PD04

Disposable Microscissors: Hooked 27 gauge / 0.4 mm

Colour coding: ●

Box/5 | Sterile: Yes



1286.WRD04

Disposable Microforceps: Extended reach — Wide grip, 27 gauge / 0.4 mm

Colour coding: ●

Box/5 | Sterile: Yes



- for precise grasping and improved visualisation of thin membranes in the macular region
- 60% increased gripping width *
- 260% improvement in gripping area *
- 40% Enhanced stiffness *

* in comparison with the current 27G forceps

2286.CD304

Disposable Microforceps Ultra peel 27 gauge / 0.4mm

Colour coding: ●

Box/5 | Sterile: Yes



- Designed for single-movement peeling of thicker, more fibrotic membranes
- Delivers over 90% equivalent grasping area vs 23g design
- Blunt, rounded tip design and optimal shaft stiffness provides precise control for smaller gauge surgery

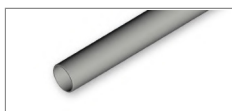
BACKFLUSH INSTRUMENTS

2281.AD04

Backflush Instrument with 27 Ga / 0.4 mm blunt needle and active aspiration

Colour coding: ●

Box/5 | Sterile: Yes



2281.BTD04

Backflush instrument with 27 gauge / 0.4 mm brush needle and active aspiration

Colour coding: ●

Box/5 | Sterile: Yes



- New ergonomic handle design to create optimal surgical control.
- Enlarged backflush reservoir.
- Overall more controlled and precise aspiration of intraocular fluids and/or debris.



Extended Reach Wide Grip (27gauge / 0.4 mm)

New Disposable Microforceps

Ref. 1286.WRD04

"The Dutch Ophthalmic 27g wide grip forceps are fantastic. They provide a firm grasp on membranes with minimal shredding. Also, their rigidity is comparable to 25g forceps. I highly recommend them." - Christopher L. Haupt, M.D. -

Features & Benefits in comparison with the current 27G forceps:

- 60% increased gripping width
- 260% improvement in gripping area
- 40% enhanced stiffness

"I've been very impressed by Dutch Ophthalmic's new 27ga wide grip forceps making them my preferred choice for both 25ga and 27ga cases. The tips allow for good tissue visualization, while the grasping strength and rigidity are excellent" - James Singer, D.O. -



Christopher L. Haupt, M.D.
Iowa Retina Consultants, USA



James Singer, D.O.
Iowa Retina Consultants, USA



Extended Reach Wide Grip (27gauge / 0.4 mm)

New Disposable Microforceps

Ref. 1286.WRD04

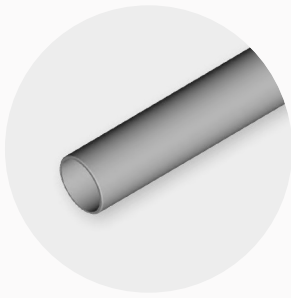


**Developed in collaboration with
Prof. Fanis Pavlidis, Germany**

"The surgical comfort and efficiency of the 27G peelings are mostly dependant on the ergonomics and stiffness of the forceps. The new Extended Reach - Wide Grip 27G forceps combines significantly increased rigidity for direct response and a wider gripping tip allowing for a reduced number of grasp actions and minimized risk of retinal trauma. In addition, the stronger end gripping tip with serrations allows for stronger grip of membranes."

Features & Benefits in comparison with the current 27G forceps:

- 60% increased gripping width
- 260% improvement in gripping area
- 40% enhanced stiffness



Backflush Instrument

with 27 Ga / 0.4 mm blunt needle

and active aspiration

Ref. 2281.AD04

"I've tested the new 27G blunt backflush needle by DORC: good active and passive aspiration. Good feeling of the handpiece in the hand. Sufficient size of reservoir. The backflush does not come into conflict with the Viewing system. Conclusion: a clear improvement compared to the recent backflush design."

Features & Benefits in comparison with the current design:

- Slimline design for easier movement and control
- Reduced size of the handle
- Less force required to activate reservoir
- Larger reservoir



**Ulrich Spandau, Associate Professor,
Head of vitreoretinal surgery
Department of Ophthalmology
at University of Uppsala, Sweden**

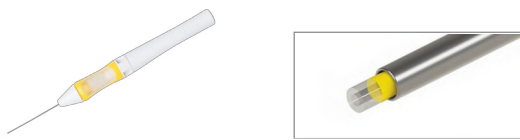
2281.STD04

Backflush instrument with 27ga/0.4 mm soft-tip cannula and

active aspiration

Colour coding: 

Box/5 | Sterile: Yes



- Slimline design for easier movement and control;
- Reduced size of the handle;
- Improved aspiration flow at high vacuum levels, especially for the smaller gauge sizes;
- Less force required to activate reservoir;
- Larger reservoir.

INTRAOCULAR ILLUMINATION

3269.MBD27

Disposable Eckardt TwinLight Chandelier.
(27 gauge / 0.4 mm)

Colour coding: 

Box/6 | Sterile: Yes



3269.PD27

Eckardt TwinLight Chandelier with Photon connector and
guidance needle. (27 gauge / 0.4 mm)

Box/6 | Sterile: Yes



3269.P27

Disposable Chandelier fiber (one fiber) with Photon connector
and guidance needle. (27 gauge / 0.4 mm)

Box/6 | Sterile: Yes



3269.BE27

27G Chandelier fiber and 23G standard D-style fiber optic
handpiece incl. guidance needle.

Box/6 | Sterile: Yes



3269.A27

Disposable Chandelier fiber (one fiber) incl. guidance needle.
(27 gauge/0.4 mm)

Colour coding: 

Box/6 | Sterile: Yes



3269.D04

Endoillumination Probe, including illuminated scleral depressor.
(27 gauge / 0.4 mm)

Colour coding: 

Box of 6 | Sterile: Yes



Endoillumination Probe, including illuminated scleral depressor
(27 gauge / 0.4 mm)

Disposable Eckardt TwinLight Chandelier (27 gauge / 0.4 mm)

Ref. 3269.MBD27



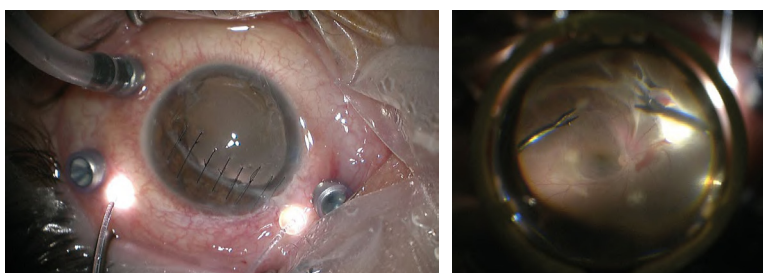
Umberto Lorenzi MD, FEBO
Head of Medical and Surgical Retina
Hospital Center University
Charles-Nicollès Rouen, France

"To achieve the best surgical result we need excellent visualization.

In vitreoretinal surgery hands-free light allows for better control at all times, accurate shaving of the vitreous base whilst indenting through 360°, and using bimanual approach to solve complex cases.

Disposable Eckardt TwinLight Chandelier 27G is a very good light fiber that doesn't need specific trocars and can be inserted through the conjunctiva using a guidance needle.

EVA LED light source in conjunction with Eckardt TwinLight Chandelier provides comfortable visualization to perform all vitreoretinal cases."



Disposable Chandelier fiber (one fiber) incl. guidance needle

(27 gauge / 0.4 mm)

Ref. 3269.A27



Dan Öhman MD,
consultant vitreoretinal surgeon,
Örebro University Hospital, Sweden

"The excellent light source in the EVA unit makes it possible to perform any type of vitreoretinal surgery using only a single 27G chandelier light fiber."

"This can easily be fitted through one of the 27G trocars, avoiding the need to make a separate sclerotomy for the light."

The quality and intensity of the illumination is sufficient even for recording high-resolution intraoperative videos."



EVA light power at 50%

3269.B04

TotalView Endoillumination Probe, including illuminated scleral depressor. (27 gauge / 0.4 mm)

Colour coding: 

Box/6 | Sterile: Yes



Fiber optic probe with conical shaped fiber for wide field illumination.

3269.SBS04

Shielded TotalView Endoillumination Probe, including illuminated scleral depressor. (27 gauge / 0.4 mm)

Colour coding: 

Box of 6 | Sterile: Yes



LASERPROBES

CURVED STEPPED LASERPROBES

7527.IRI

27 GA Stepped Laser Probe with Iridex® adaptor curved

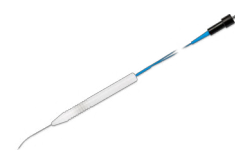
Box/6 | Sterile: Yes



7527.DORC

Laser Probe, Stepped, Curved with DORC® Connector 27 gauge / 0.4 mm

Box/6 | Sterile: Yes



7527.ALC

27 GA Stepped Laser Probe with Alcon® adaptor curved

Box/6 | Sterile: Yes



MISCELLANEOUS DISPOSABLES

1272.VFI04

Disposable VFI cannula, with 6mm thin wall polyimide tip. (27 gauge / 0.4 mm)

Box/6 | Sterile: Yes



MICROFORCEPS / MICROSCISSORS

1286.W04

Microforceps: Eckardt End-gripping. (27 gauge / 0.4 mm)

Colour coding:   

Box/1 | Sterile: No



- Microforceps with 'nail-like' end-gripping platforms; for precise grasping and improved visualization of thin membranes in the macular region.
- The most preferred ILM forceps !
- Developed with Prof. M.D. Claus Eckardt.

MEMBRANE INSTRUMENTS

1292.E04

Eckardt Membrane Pic, angled at 120°. (27 gauge / 0.4 mm)

Colour coding:  

Box/1 | Sterile: No



Membrane pic angled at 100° with a distal end that tapers to 0.3 mm. for improved visualization and precise membrane delamination.

DIATHERMY

1120.A

Diathermy cable, for 1120 / 1121 / 1122 / 1120-0.5 /
1120-D-0.5 and 1120-0.6 handles.

Box/1 | Sterile: No



1120.04

Endo-diathermy handle, straight pointed tip.
(27 gauge / 0.4 mm)

Box/1 | Sterile: No



SURGICAL DYES

MEMBRANEBLUE-DUAL

MBD.05.S

MembraneBlue Dual

Box/5 | Sterile: Yes



0.5 ml. Syringe

ILM-BLUE

ILMB.05.S

ILM-Blue

Box/5 | Sterile: Yes



0.5ml Syringe

SURGICAL TAMPONADES

SILICONE OIL

SIL-1000-S

Silicone Oil, 1.000 csts, 10ml syringe

Box/1 | Sterile: Yes



SIL-5000-S

Silicone Oil, 5.000 csts, 10ml syringe

Box/1 | Sterile: Yes



SIL-2000-S

Silicone Oil, 2.000 csts, 10ml syringe

Box/1 | Sterile: Yes





SIL-2000-S

Silicone Oil

Ref. SIL-2000-S



Prof. Anne-Catherine Gribomont,
Vitreoretinal surgeon at UCL St Luc,
Brussels, Belgium

"Since DORC launched their Silicone oil 2000, I have switched from the 5000 cSt silicone oil to the 2000 cSt. The main reason for switching is the fact that both - injection and extraction - are much easier and faster with the Silicone oil 2000. Also, when using the cannula system and silicone oil you always have some oil that sticks to the metal of the cannula. Although this is also the case with the Silicone oil 2000, the removal is much easier. For me the efficiency of injecting and removing of the 2000 cSt oil is obvious."

Features & Benefits:

- Single compound oil
- Narrow viscosity range
- Highly purified
- Low levels of emulsification
- Available in 10ml syringe
- Faster to infuse/extrude than 5000cSt oil

EFT-05-DEC

Eftiar Decalin, vial 5ml perfluoro-Decalin

Box/1 | Sterile: Yes



EFT-07-DEC

Eftiar Decalin, vial 7ml Perfluoro-Decalin

Box/1 | Sterile: Yes



EFT-05-OCT

Eftiar Octane, vial 5ml Perfluoro-Octane

Box/1 | Sterile: Yes



EFT-07-OCT

Eftiar Octane, vial 7ml Perfluoro-Octane

Box/1 | Sterile: Yes



EFT-OCT5-S

EFTIAR Octane 5ml syringe

Box/1 | Sterile: Yes



EFT-OCT7-S

EFTIAR Octane 7ml syringe

Box/1 | Sterile: Yes



EFT-DEC5-S

EFTIAR Decalin 5ml syringe

Box/1 | Sterile: Yes



EFT-DEC7-S

EFTIAR Decalin 7ml syringe

Box/1 | Sterile: Yes



OCUGAS

GAS-SF6-S

OCUGAS SF6

Box/1 | Sterile: Yes



- Single use - 100% SF6 ready for mixing
- Non-pressurized gas container
- Exterior sterility for optimised ease of use
- Flexibility to create gas-air combination according to requirements of surgery

ACCESSORIES

EFD.06

Eftiar Dual Bore Cannula.(23 gauge / 0.6 mm)

Box/5 | Sterile: Yes



- For simultaneous infusion of heavy liquids and aspiration of intraocular fluids.
- Dual bore enables surgeon to control constant intraocular pressure during injection.

1362.D

Disposable pack for viscous fluid extraction.

Box/6 | Sterile: Yes



1362.VFE

High Flow Viscous Fluid Extraction. Suitable For
20/23/25/27G DORC Cannula Systems

Box/5 | Sterile: Yes



- Quick & safe removal of 1000-5000 cst silicone oil
- Shortens silicone removal with factor 3-5x!

1272.HSE06

Heavy Silicone Oil Extraction cannula 23G

Box/6 | Sterile: Yes



- Adapted specifically for Heavy Silicone Oil Removal
- Longer cannula for easier removal of heavy density liquids



23G Heavy Silicone Oil Extraction Cannula

Ref. 1272.HSE06



"The 10mm cannula is the optimum length to maintain contact with the silicone oil bubble whilst delivering a steady flow of oil during extrusion. Maintaining contact with the bubble is critical to removing heavy oil in a single step and avoid breaks in the bubble leaving smaller oil bubbles on the retina.

This cannula is the result of collaboration between DORC and VR surgeons - showing how small product enhancements can make life easier for VR surgeons!"

Features & Benefits:

- For extraction of heavy silicone oil
- 10mm long metal tip
- With Luer lock connector

Dr. Andreas Mohr,
head of Ophthalmology Department
at St. Joseph - Stift Hospital,
Bremen, Germany

EFD.100

Disposable Dual Bore PFC Cannula

Box/5 | Sterile: Yes



- 20 gauge / 0.9 mm For simultaneous infusion of heavy liquids and aspiration of intraocular fluids.
- Dual bore enables surgeon to control constant intraocular pressure during injection.

DISPOSABLE VITRECTOMY LENSES

1284.DD

Disposable Vitrectomy Lens: Flat

Box/5 | Sterile: Yes



Facilitates visualization of central fundus.

1284.ED

Disposable Vitrectomy Lens: Biconcave

Box/5 | Sterile: Yes



For Air-Fluid exchange.

1284.FD

Disposable Vitrectomy Lens: Magnifying

Box/5 | Sterile: Yes



Facilitates visualization of central vitreous and fundus.

1284.GD

Disposable Vitrectomy Lens: Wide View

Box/5 | Sterile: Yes



Facilitates visualization of central posterior fundus and vitreous.

1284.ID

Disposable Vitrectomy Lens: 30° Prism

Box/5 | Sterile: Yes



Facilitates visualization of the periphery beyond the equator.



Disposable Vitrectomy Lens: Flat

Facilitates visualization of central fundus

Ref. 1284.DD



**Dr. Marta Álvarez Holgado | University
Hospital of Getafe, Madrid, Spain**

"This flat round lens without scleral stabilization feet adapts well to the cornea, there is no sliding. It has a perfect image quality with the needed magnification, which gives a precise vision of the ILM between the vascular arcades.

This disposable lens allows clear vision in every surgery. It is one of the best macula lenses nowadays."

Other disposable lenses available:

- Disposable Vitrectomy Lens: 30° Prism (Ref. 1284.ID)
- Disposable Vitrectomy Lens: Wide View (Ref. 1284.GD)
- Disposable Vitrectomy Lens: Magnifying (Ref. 1284.FD)
- Disposable Vitrectomy Lens: Biconcave (Ref. 1284.ED)

ECKARDT TEMPORARY KERATOPROSTHESIS

1285.1

Eckardt temporary keratoprosthesis, Ø 7 mm, 2.8 mm depth

Box/1 | Sterile: No



For a-phakic eyes. Intended for temporary use in eyes with corneal opacities during retinal surgery.

1285.2

Eckardt temporary keratoprosthesis, Ø 7 mm, 1.6mm depth

Box/1 | Sterile: No



For phakic eyes. Intended for temporary use in eyes with corneal opacities during retinal surgery.

1285.5

Eckardt temporary keratoprosthesis, Ø 8 mm, 2.5 mm depth

Box/1 | Sterile: No



For a-phakic eyes. Intended for temporary use in eyes with corneal opacities during retinal surgery.



For additional information please contact:
D.O.R.C. Dutch Ophthalmic Research Center (International) B.V.
Scheijdelveweg 2, 3214 VN Zuidland, The Netherlands

Phone: +31 181 45 80 80
Fax: +31 181 45 80 90
E-mail: sales@dorc.eu

Download DORC APP
App Store



Download DORC APP
Google Play



Subscribe to our Newsletter



Follow us on LinkedIn



Follow us on Twitter



Follow us on YouTube

