

# DORC

## Eckardt 23 Gauge Vitrectomy System

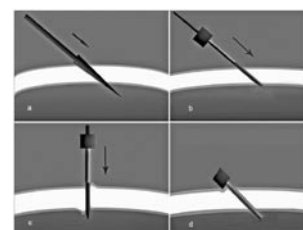
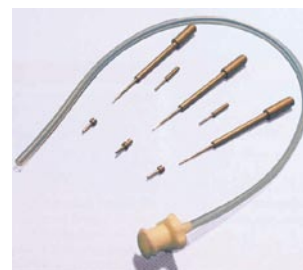
### Compromise No More 23 Gauge ... The Best of Both Worlds!

Now a sutureless vitrectomy system is available which offers the VR surgeon options to perform complex bi-manual surgery with an extended range of reusable or disposable forceps and scissors. The Eckardt 23-g System utilises the unique 2115 Conjunctival Pressure Plate to ensure the integrity of the incisions and allows versatility previously unknown in small incision/sutureless surgery.

Available as a completely disposable or semi-disposable system

#### Disposable Instruments available:

- Eckardt Cannula System
- Standard & Totalview Illumination
- Chandelier Illumination
- Various Forceps
- Various Scissors
- 23-g Laser Fibres



Item Number	Description
DORC - 900	1272-E-0.6 Eckardt 23G Cannula System
DORC - 916	1267-NMD-0.6 1500cpm Pneumatic Vitrector
DORC - 902	1278 Eckardt 23G Cannula Forceps
DORC - 904	2115 Eckardt Pressure Plate
DORC - 908	1286-W-0.6 Eckardt Endgripping Forceps, 23 gauge / 0.6 mm.
DORC - 911	2286-K0.6 Asymmetrical Endgripping Forceps 23 gauge / 0.6 mm.
DORC - 906	1286-J-0.6 Straight Scissors, 23 gauge / 0.6 mm.
DORC - 909	1286-M-0.6 Curved Scissors, Horizontal, 23 gauge / 0.6 mm.

Full range of instruments is available on application

# DORC

## Standard Vitrectomy Instruments

D.O.R.C. International b.v. was established to provide ophthalmic surgeons with instruments and equipment designed specifically for the demanding needs of phacoemulsification and vitreoretinal surgery. Throughout the last 20 years, D.O.R.C. has enjoyed an active collaboration with surgeons worldwide. This has allowed D.O.R.C. to gain an intimate understanding of the demands placed on instruments and equipment for phaco and vitreoretinal surgery. Coupling this knowledge with a unique blend of design skills, engineering talent, and a simple design philosophy has resulted in the development of products which have been recognized as truly innovative.

### Specialty Systems for Vitreoretinal Surgery

- CryoStar Cryosurgical System
- Hexon Illumination System
- Air-Fluid Exchange System
- Viscous Fluid Injection/Extraction System
- Intraocular Electromagnet
- Diathermy System

### Vitreoretinal Instruments

- Complete line of titanium vitreoretinal intraocular forceps and scissors
- 20/23/25 Gauge Instrument line, Disposable & Reusable
- Subretinal Instrument Set: forceps, scissors, pic, straight and angled cannulas
- Illuminated forceps and scissors: available in three forceps styles and one scissors style
- Complete line of backflush instruments and membrane spatula's

**Please ask your Local representative for a full DORC catalogue or refer to [www.dfv.com.au](http://www.dfv.com.au)**



# DORC

## Disposable Instruments

Sterile packaged and intended for single use, these products offer convenience and reliability. Throughout the design process, materials are carefully selected to produce instruments designed to offer the desired balance between performance and economy. The choice of high grade surgical stainless steel for the critical parts assures a performance level which is comparable to traditional D.O.R.C. instruments.



DORC Code	Description	Qty/Box
1286BD	Disposable Microforceps: Endgripping,	5
1286CD	Disposable Microforceps: Serrated Jaws	5
1286WD	Disposable Microforceps: Eckardt Endgripping	5
2286KD	Disposable Microforceps: Tano Asymmetrical Endgripping	5
1286ED	Disposable Microscissors: Vertical, 90°	5
1286JD	Disposable Microscissors: Horizontal, Straight	5
1286MD	Disposable Microscissors: Horizontal, Curved	5

# DORC

## Xenon Bright Star Illumination System

High intensity output in combination with safe/white light Lumen Light Intensity Output Indicator, the **Bright Star** is the first illumination unit available to include a selection of UV filters to minimize photo toxic effects. With a 75W Xenon Bulb, vertically positioned with a long life time duty cycle and easily exchangeable, the Bright Star provides excellent illumination even with 27-g fibres. Two times 3 x UV cut-off filters: 435nm, 455nm & 510nm selectable.

Item Number	Description
DORC	Xenon Bright Star Illumination System - complete

# DORC

## Endoillumination

Supplying the highest quality 20, 23 and 25-g illumination systems as well as Xenon light sources, DORC now have the largest range of Endoillumination probes available for all vitrectomy units. Now available are 27-g Twin Light Chandeliers inserted with a sutureless double-pronged inserter and capable of complete illumination for all gauge PPV's. Also available are illuminated vitrectors for difficult diabetic cases where extra illumination is advantageous.

Full range for 20, 23 and 25-g surgeries

- Standard Endoilluminators
- TotalView Endoilluminators
- Adjustable System between Standard and TotalView Endoillumination
- Clares Illuminated Vitrector, 20-g incision, 23-g vitrector
- NEW 7060 3-function Tissue Manipulator with: Diathermy, illumination and aspiration



# DORC

## CryoStar 1500 III

---

The DORC CryoStar is the smart cryosurgical system that combines optimal performance with state-of-the-art automation. Simple for O.R. staff to operate and maintain throughout every procedure.

- Microprocessor automated set-up and operation.
- Electronically controlled for quick repeated freeze / defrost cycles.
- Automatic purge ensures internal clearing of residual moisture.
- Nitrous Oxide (N<sub>2</sub>O) or Carbon Dioxide (CO<sub>2</sub>) driven.
- External filter assures consistent performance and reliability.

### Console Features

**On-Screen Icons** - keep staff informed at every step of Cryo function

**Probe Socket** - Quick-fit connection with adaptor available to fit original D.O.R.C. Cryo Probes

**System Status Icons** - Green light indicates 'ready' to freeze; Amber light indicates 'busy' when system is performing internal function; Acoustic signal

**Gas Pressure Indicator (Gas tank icon)** - Immediate status check for gas pressure function; Green Light: gas pressure functioning optimally; Yellow Light: gas pressure too low; Red Light: gas pressure too high

**Time Display** - Shows time elapsed as footswitch is pressed; Shows cumulative freeze time for current probe

**Tip Freezing Indicator (Probe icon)** - Monitors probe function; 'snowflake' illuminates when probe is freezing optimally

### Cryo Probe Features

- Autoclave cap chained to probe connector.
- Sterilisable via flash/steam, gas or Sterrad.
- Selected probe styles contain an internal thermocouple which facilitates tip temperature monitoring.
- Orientation indicator on curved probe styles ensures proper tip placement every time.



# DORC

## Laser Probes



Available now from **DORC** are a full range of generic laser probes to fit all common laser units. The range includes straight and curved probes to suit Alcon®, Luminus®, Iridex® and HGM® Laser units. Also available is a Directional Laser probe with extendable curved lasertip. The curved laser tip is completely retractable inside the shaft to pass through a sclerotomy and/or cannula system. Perfect for peripheral laser treatment with 23 & 25-g cannula systems.

Item Number	Description	Qty/Box
	<b>20 gauge</b>	
7010-ALC	20-g <b>Curved</b> with Alcon/Lumenis Adaptor	6
7011-ALC	20-g <b>Straight</b> with Alcon/Lumenis Adaptor	6
7010-HGM	20-g <b>Curved</b> with HGM Adaptor	6
7011-HGM	20-g <b>Straight</b> with HGM Adaptor	6
7010-IRI	20-g <b>Curved</b> with Iridex Adaptor	6
7011-IRI	20-g <b>Straight</b> with Iridex Adaptor	6
7220-ALC	20-g <b>Directional</b> with Alcon/Lumenis Adaptor	6
7220-HGM	20-g <b>Directional</b> with HGM Adaptor	6
7220-IRI	20-g <b>Directional</b> with Iridex Adaptor	6
	<b>23 gauge</b>	
7123-ALC	23-g <b>Straight</b> with Alcon/Lumenis Adaptor	6
7123-HGM	23-g <b>Straight</b> with HGM Adaptor	6
7223-ALC	23-g <b>Directional</b> with Alcon/Lumenis Adaptor	6
7223-HGM	23-g <b>Directional</b> with HGM Adaptor	6
7223-IRI	23-g <b>Directional</b> with Iridex Adaptor	6
	<b>25 gauge</b>	
7125-ALC	25-g <b>Straight</b> with Alcon/Lumenis Adaptor	6
7125-HGM	25-g <b>Straight</b> with HGM Adaptor	6
7225-ALC	25-g <b>Directional</b> with Alcon/Lumenis Adaptor	6
7225-HGM	25-g <b>Directional</b> with HGM Adaptor	6
7225-IRI	25-g <b>Directional</b> with Iridex Adaptor	6

# DORC

## Vitrectomy Lenses

The DORC Vitrectomy Lens System provides the vitreo-retinal surgeon with the most versatile and complete solution for visualization in every surgical case. A unique self-retaining silicone ring is the primary fixation method, making the D.O.R.C. lens system convenient and efficient. Time-consuming or tedious procedures (e.g., handheld lenses or lenses that require sutures) are eliminated. Available in Standard, WideView and Disposable styles, and a wide range of visualization geometries, D.O.R.C. lens systems increase surgical options for a variety of clinical applications. With the option of using a sutured scleral ring for select cases, D.O.R.C. lens systems provide complete versatility to surgeons and O.R. staff.



DORC Code	Description	Qty/Box
	<b>Disposable Direct Vitrectomy Lenses</b>	
DORC-286	1284DD Disposable Vitrectomy Lens, Flat	5
DORC-287	1284ED Disposable Vitrectomy Lens, Biconcave	5
DORC-288	1284GD Disposable Vitrectomy Lens, Wide Field	5
DORC-319	1284FD Disposable Vitrectomy Lens, Hi Mag	5
DORC-289	1284ID Disposable Vitrectomy Lens, 30° Prism	5

DORC Code	Description	Qty/Box
	<b>Reusable Direct Vitrectomy Lenses</b>	
DORC-290	1284DW Vitrectomy Lens, Flat	1
DORC-290	1284EW Vitrectomy Lens, Biconcave	1
DORC-290	1284GW Vitrectomy Lens, Wide View	1
DORC-290	1284HW Vitrectomy Lens, 20° Prism	1
DORC-290	1284IW Vitrectomy Lens, 30° Prism	1

# VOLK Surgical Lenses

Volk is acknowledged worldwide as the premier designer and manufacturer of diagnostic, laser and vitrectomy lenses. For over 25-years their goal has been to provide the ophthalmologist with a combination of cutting-edge technology and old-world craftsmanship to produce the finest quality lenses and imaging systems available.



DFV Code	Description
	<b>Disposable Direct Vitrectomy Lenses</b>
VOLK-236	VFLATSSVD Chalam Flat SSV (self-stabilising) Sterile Disposable Vitrectomy Lens Sutureless, assistant free
	<b>Volk Direct Image Autoclavable (ACS) Lenses - For Standard Suture Rings<sup>1</sup></b>
On Application	VAFXACS Direct Image AFX (air-fluid exchange)
On Application	VP45ACS Direct Image 45
On Application	VP30ACS Direct Image 30
On Application	VP15ACS Direct Image 15
On Application	VPFLATAACS Direct Image Flat
On Application	VMIDACS Direct Image Mid Field
On Application	VMID30ACS Direct Image Mid Field 30
On Application	VHIGHMACS Direct Image Hi Mag
VSRS2	Suture Ring
	<b>Volk Indirect Autoclavable (ACS) Lenses</b>
VOLK-240	VCVWAACS clariVit Wide Angle ACS
VOLK-241	VCVWMACS clariVit Central Mag ACS
VOLK-170	VMQXLVITACS Mini Quad ACS. The MiniQuad ACS allows visualization of virtually the entire retina including the ora serrata, with essentially coaxial positioning of the lens on the eye. It is excellent for retinal detachment surgery, repairing giant retinal tears, diagnosing and treating anterior proliferative vitreoretinopathy and for examining the peripheral retina in a vitreous cavity filled with air.
VOLK-172	VCRLVITACS Central Retina
VOLK-174	VMQXLVITACSSSV Mini Quad ACS SSV – as above with self-stabilisation
	<b>Volk Non-Contact Surgical Wide Angled Lens</b>
VOLK-236	<p>Non Contact Surgical WA (Wide Angle) is compatible with the Oculus BIOM non contact system and delivers enhanced image clarity and features:</p> <ul style="list-style-type: none"> <li>• Proprietary PermaView™ glass - provides improved optical quality</li> <li>• AutoClave Sterilizable (ACS™) design - maintains clarity during repeat sterilization</li> <li>• Low profile ring - minimizes interference to your field of vision</li> <li>• Wide angle field of view - allows visualization of the retina out to the equator</li> </ul>

<sup>1</sup>Also available with SSV – Self Stabilisation System

# Wireless Binocular Indirect Ophthalmoscope

Keeler Patented Wireless Technology provides:

- Freedom to move from room to room
- Freedom to examine your patients without restraints
- Up to two hours continuous use
- Quick recharge time of two hours
- Comfortable, lightweight and perfectly balanced
- Desktop or wall mountable
- Backup lithium battery available



Keeler wireless technology is available with the All Pupil II or Vantage Plus Binocular Indirect Ophthalmoscopes

Item Number	Description
1204-P-3056	Keeler VANTAGE PLUS Indirect Ophthalmoscope, including: Lithium battery on headband Wall mount or desk charging station
1204-P-3043	Keeler Wireless ALL PUPIL II Binocular Indirect Ophthalmoscope, including: Lithium battery on headband Wall mount or desk charging station

# VOLK Indirect BIO Autoclavable Lenses



DFV Code	Description
	VOLK INDIRECT BIO AUTOCLAVABLE (ACS) LENSES
VOLK-166	V20LCACS 20D ACS PermaView 20D ACS BIO lenses, with proprietary PermaView glass, have the same performance as our patented standard 20D Double Aspheric designs, and can be safely steam sterilized – perfect for pre and post operative diagnosis.
VOLK-168	V28LCACS 28D ACS PermaView 28D ACS BIO lenses, with proprietary PermaView glass, have the same performance as our patented standard 28D Double Aspheric designs, and can be safely steam sterilized – perfect for pre and post operative diagnosis.

# MID Labs Posterior Vitrectomy Cutters

Product	Midlab Equivalent
Accurus A/C Vitrectomy Probe	2400 CE + A/C Sleeve
Accurus Stand Alone 800 cpm Vitrector	2400 CE
Accurus Stand Alone 1500 cpm Vitrector	2900 CE
SITO MVS Probe	2400 CE
B&L Standard Vitrectomy Cutters	2400 CE

## DORC Ophthalmic Liquids



**MembraneBlue®** is a dye developed to stain intraocular membranes in vitreoretinal surgery, to visualize the ILM and ERM. By injecting MembraneBlue® in the vitreous cavity, the intraocular membranes are stained. After removal of all excess dye the blue stained membranes can easily be distinguished from the underlying, unstained retina after refilling the vitreous cavity with fluid.

**EFTIAR® Octane / Decalin** offers the vitreoretinal surgeon a temporary tamponade for efficient re-attachment of the retina, release of subretinal fluid, dissection of fibro-vascular proliferation and controlling retinal bleeding.

**SIL-1000® / SIL-5000®** The D.O.R.C. Silicone Oil is an ultra purified silicone oil which leads a maximum interfacial tension and minimizes interactions between tissues, cells and endo-tamponades media. The physical properties include a combination of specific gravity, refractive index and surface tension. The choice of viscosity offers an optimum balance between easy injection and a stable temporary tamponade. Available in syringes & vials.

Code	Description	Qty/Box
DORC-615	MBB-05-S MembraneBlue® (sterile, 5 syringes of 0.5 ml./box)	5
DORC-161	Eftiar Perfluro-Decaline Sterile, 5 ml. Vial	1
DORC-171	Eftiar Perfluro-Octane Sterile, 5 ml. Vial	1
DORC-166	SIL-1000-S : Sterile,1 syringe of 10 ml	1
DORC-165	SIL-5000-S : Sterile,1 syringe of 10 ml	1

**Heavy liquid delivery and extraction systems available**

**MedOne** are the complete VR backflush and cannulae single-use specialists supplying interchangeable LUER-lock systems for all VR surgery. Whether it be standard 20-g or micro-incision 23-g or 25-g, MedOne passive or active backflush handles will accept any size cannula required reducing stock holding requirements and allowing easy interchange of cannula during procedures.

Code	Description	Box
	<b>Backflush Handles</b>	
Med-088	3227 Passive Backflush Handle	5
Med-090	3228 Active Backflush Handle	5

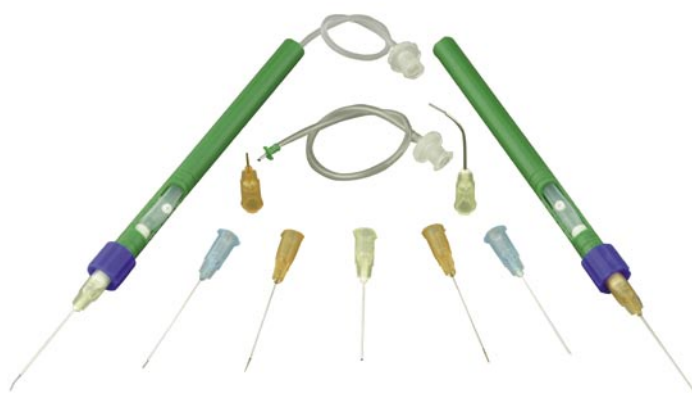
Backflush handle with luer lock tip allows quick secure connection to any cannula with a luer hub, as well as quick tip change during the case. Compatible with all MedOne cannulas. Reservoir allows reflux capability. Active aspiration model (3228) has a luer fitting for connection to an aspiration system.

Code	Description	Box
	<b>Infusion Cannula – 20-g</b>	
Med-050	3200 Viscous Fluid Cannula 4mm	5
Med-052	3201 Viscous Fluid Cannula 6mm	5
Med-054	3202 Infusion Cannula 4mm	5
Med-056	3203 Infusion Cannula 6mm	5

Thin wall .90mm (20g) cannula allows maximum flow rate, available in 4mm or 6mm length. Cannula bevelled for easy insertion through sclerotomy.

- 3200 and 3201 have 16cm (6in) high pressure PVC tubing to allow injection of heavy fluids.
- 3202 and 3203 have 25cm (10in) silicone tube for infusion of water or gas.

Green suture flange allows excellent visibility during suturing.



Code	Description	Box
	Micropick – 23 and 25-g	
Med-058	3204 Micropick 0.50mm (25g)	5
Med-092	3229 Micropick 23g	5

Sharp pick for lifting an edge for ILM and other delicate retinal membranes. Can be used for injection if desired. Luer lock hub for easy, secure connection to backflush handle or syringe.

Code	Description	Box
	Various and Brush Tip	
Med-060	3211 Flextip Aspirator	5
Med-062	3212 Flextip Aspirator - curved	5
Med-064	3214 Extrusion Cannula 20g	5
Med-066	3216 Flextip Brush 20g	5
Med-068	3217 Viscous Fluid Cannula Blunt	5
Med-070	3218 PolyTip Cannula 25/31g	5
Med-072	3219 PolyTip Cannula 25/38g	5
Med-074	3220 Flextip Cannula 0.50mm (3mm)	5
Med-076	3221 Flextip Cannula 0.50mm (1mm)	5
Med-078	3222 Flextip Brush 25g	5
Med-080	3223 Extension Tube (Hammer)	5
Med-082	3224 Flextip Cannula 0.50mm (5mm)	5
Med-084	3225 Extrusion Cannula 25g	5
Med-086	3226 PolyTip VFI Cannula 25g	5

Soft silicone brush allows atraumatic brushing of retina surface. Luer lock hub for easy secure connection to backflush handle or syringe.

