INT - FO - 876 - R04/29-05-2021

◆ CE, EN ISO 13485-2016

◆ Complies to International Standard ISO 11979-1 to 10, Ophthalmic Implants - Intraocular lenses

Freedom
Ophthalmic Pvt. Ltd.

MANUFACTURING

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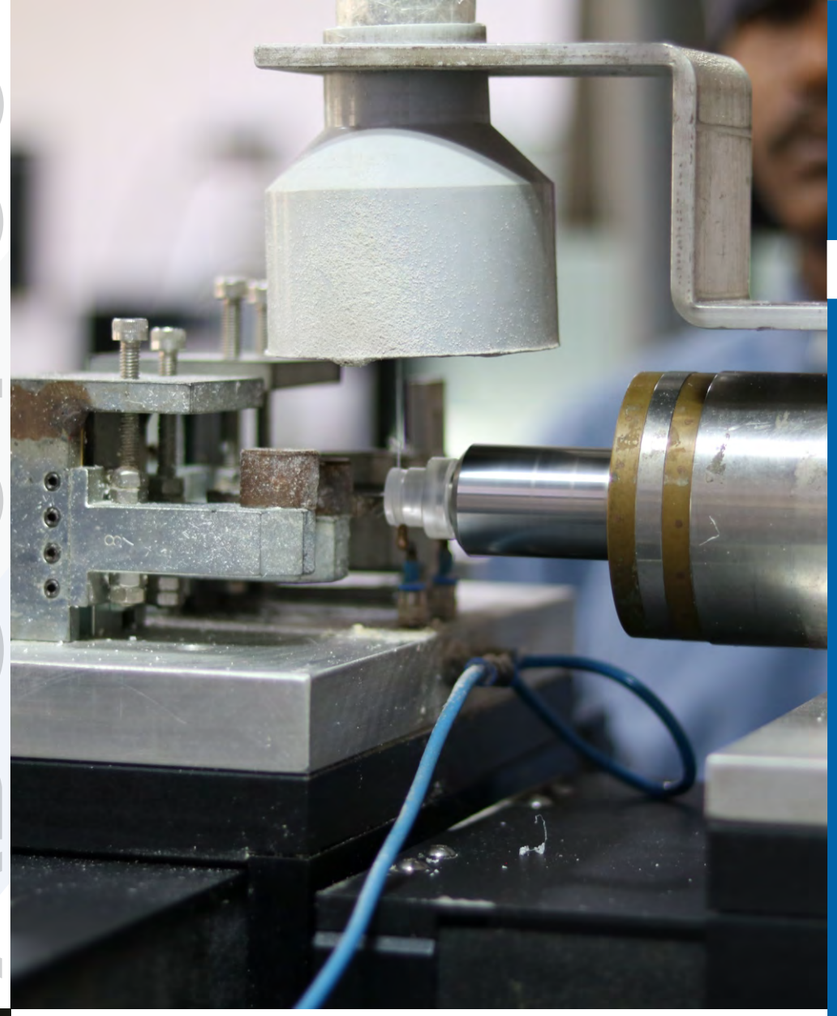
Freedom



INTRAOCULAR LENSES

www.freedomophthalmic.com

ABOUT US





We are a privately owned **MANUFACTURER OF OPHTHALMIC MEDICAL DEVICES**. The company was founded in 2005. Our manufacturing operations are based in Hosur, Tamil Nadu, India. We are about 60 km from Bangalore Airport and 250 km from Chennai.

Currently our products are distributed in over 50+ countries. Our products are manufactured using **HIGH QUALITY RAW MATERIALS & GMP SYSTEM**.

Please contact us, if you are interested in becoming our distributor or have your device manufactured by us.

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FREEDOM ACE / ACE +

CE 2460

Hydrophobic Acrylic Foldable Aspheric 360° Square Edge Intraocular Lens
Lente Intraocular Plegable Asférico con Borde Cuadrado 360° de Acrílico Hidrofóbico
Lentille Intraoculaire Asphérique Souple en Acrylique Hydrophobe à Bord Carré sur 360°

Freedom's Hydrophobic Lenses provide

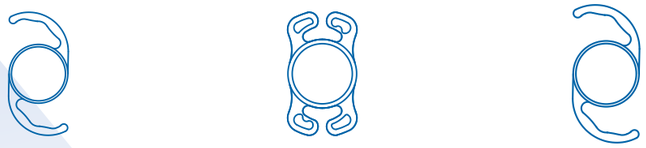
GOOD & SHARPER VISION

& have **POSTERIOR ASPHERIC with 360° SQUARE EGDE**

Improved Image Quality with

REDUCED SPHERICAL ABERRATION

- Diopter Range +5.00 D to +30.00 D with 0.50 D Steps
- Advanced Haptic Design for Greater Stability
- Water Content 0%
- Excellent folding & unfolding
- Better Capsular Bag Stability
- Advanced 360° Edge to reduce PCO rates
- Glistening free
- High ABBE Number (50) to reduce Chromatic Aberration



Model	FPL602SQ	FPL602SQP	FPM606SQ	FPM606SQP	FPL621	FPL621P
Optic Design	Equiconvex - 360° Square Edge with Aspheric Optic					
Material	Hydrophobic Acrylic					
Optic Size	6.00 mm				6.25 mm	
Over All length	13.00 mm		11.00 mm		13.50 mm	
Haptic Angle	0°					
AC Depth	5.28					
Refractive Index	1.4930					
Estimated A-Constant	A Constant : 118.4					
Recommended Optical A-Constant	A Constant SRK/T : 119.20 | A Constant SRK/II : 119.50 Hoffer Q : 5.65 | Holladay 1 : 1.87 | Holladay 2 : 5.199 | Haigis : a_0=1.441/a_1=0.400/a_2=0.100					
Cartridge	FDC220_60DEG	PRELOADED	FDC220_60DEG	PRELOADED	FDC220_60DEG	PRELOADED
Sterilization	Ethylene Oxide					

See page 11 regarding cartridges & injectors specifications

FREEDOM ZEN / ZEN +

CE 2460

Yellow Hydrophobic Acrylic Foldable Aspheric 360° Square Edge Intraocular Lens
Lente Intraocular Plegable Asférico con Borde Cuadrado 360° de Acrílico Hidrofóbico Amarillo
Lentille Intraoculaire Asphérique Souple en Acrylique Hydrophobe Jaune à Bord Carré sur 360°



Model	FPL602SQY	FPL602SQYP
Optic Design	Equiconvex - 360° Square Edge with Aspheric Optic	
Material	Yellow Hydrophobic Acrylic	
Optic Size	6.00 mm	
Over All length	13.00 mm	
Haptic Angle	0°	
AC Depth	5.28	
Refractive Index	1.4930	
Estimated A-Constant	A Constant : 118.4	
Recommended Optical A-Constant	A Constant SRK/T : 119.20 | A Constant SRK/II : 119.50 Hoffer Q : 5.65 | Holladay 1 : 1.87 | Holladay 2 : 5.199 | Haigis : a_0=1.441/a_1=0.400/a_2=0.100	
Cartridge Size	FDC220_60DEG	PRELOADED
Sterilization	Ethylene Oxide	

FREEDOM ARC / ARC +

CE 2460

Hydrophobic Acrylic Foldable Spheric 360° Square Edge Intraocular Lens
Lente Intraocular Plegable Esférico con Borde Cuadrado 360° de Acrílico Hidrofóbico Amarillo
Lentille Intraoculaire Sphérique Souple en Acrylique Hydrophobe Jaune à Bord Carré sur 360°



Model	FPLS602SQ	FPLS602SQP
Optic Design	Equiconvex - 360° Square Edge with Spherical Optic	
Material	Hydrophobic Acrylic	
Optic Size	6.00 mm	
Over All length	13.00 mm	
Haptic Angle	0°	
AC Depth	5.28	
Refractive Index	1.4930	
Estimated A-Constant	A Constant : 118.4	
Recommended Optical A-Constant	A Constant SRK/T : 119.20 | A Constant SRK/II : 119.50 Hoffer Q : 5.65 | Holladay 1 : 1.87 | Holladay 2 : 5.199 | Haigis : a_0=1.441/a_1=0.400/a_2=0.100	
Cartridge Size	FDC220_60DEG	PRELOADED
Sterilization	Ethylene Oxide	

FREEDOM ELITE

CE 2460

Yellow Hydrophilic Acrylic 360°Square Edge Aspheric Foldable Intraocular Lens
Lente Intraocular Plegable Asférico con Borde Cuadrado 360° de Acrílico Hidrofílico Amarillo
Lentille Intraoculaire Asphérique Souple en Acrylique Hydrophile Jaune à Bord Carré sur 360°



Model	AFR603SQY	AFC603SQY	AFM606SQY
Optic Design	Equiconvex - 360° Square Edge with Aspheric Optic		
Optic Size	6.00 mm		
Over All length	12.50 mm		11.00 mm
Estimated A-Constant	A Constant : 118.0		
Recommended Optical A-Constant	A Constant SRK/T : 118.40 | A Constant SRK/II : 118.70 Hoffer Q : 5.14 | Holladay 1 : 1.35 | Holladay 2 : 5.199 | Haigis : a_0=0.912/a_1=0.400/a_2=0.100		
Diopter Range	5.00 D to 30.00 D (0.5 Diopter increments)		
AC Depth*	5.00 mm		
Refractive Index	1.46		
Water Content	26%		
Cartridge Size	FDC220_60DEG		

FREEDOM FOCUS

CE 2460

Hydrophilic Acrylic 360°Square Edge Aspheric Foldable Intraocular Lens
Lente Intraocular Plegable Asférico con Borde Cuadrado 360° de Acrílico Hidrofílico
Lentille Intraoculaire Asphérique Souple en Acrylique Hydrophile à Bord Carré sur 360°



Model	AFR603SQ	AFC603SQ	AFC602SQ	AFM606SQ
Optic Design	Equiconvex - 360° Square Edge with Aspheric Optic			
Optic Size	6.00 mm			
Over All length	12.50 mm		13.00 mm	11.00 mm
Estimated A-Constant	A Constant : 118.0			
Recommended Optical A-Constant	A Constant SRK/T : 118.40 | A Constant SRK/II : 118.70 Hoffer Q : 5.14 | Holladay 1 : 1.35 | Holladay 2 : 5.199 | Haigis : a_0=0.912/a_1=0.400/a_2=0.100			
Diopter Range	5.00 D to 30.00 D (0.5 Diopter increments)			
AC Depth*	5.00 mm			
Refractive Index	1.46			
Water Content	26%			
Cartridge Size	FDC220_60DEG			

See page 11 regarding cartridges & injectors specifications

FREEDOM ICON

Hydrophilic Acrylic 360°Square Edge Foldable Intraocular Lens
Lente Intraocular Plegable con Borde Cuadrado 360° de Acrílico Hidrofílico
Lentille Intraoculaire Souple en Acrylique Hydrophile à Bord Carré sur 360°



Model	HFR 603SQ	HFC 603SQ	HFM 606SQ
Optic Design	Equiconvex-360° Square Edge		
Optic Size	6.00 mm		
Over All length	12.50 mm		11.00 mm
Estimated A-Constant	A Constant : 118.0		
Recommended Optical A-Constant	A Constant SRK/T : 118.40 | A Constant SRK/II : 118.70 Hoffer Q : 5.14 | Holladay 1 : 1.35 | Holladay 2 : 5.199 | Haigis : a_0=0.912/a_1=0.400/a_2=0.100		
Diopter Range	5.00 D to 35.00 D (0.5 Diopter increments)		
AC Depth*	5.00 mm		
Refractive Index	1.46		
Water Content	26%		
Cartridge Size	FDC220_60DEG		

FREEDOM FOLD

CE 2460

Hydrophilic Acrylic Posterior Chamber Single Piece Foldable Intraocular lens
Lente intraocular plegable de una sola pieza para cámara posterior de acrílico hidrofilico
Lentille Intraoculaire Monobloc Souple à Chambre Postérieure en Acrylique Hydrophile



Model	HFR 603	HFC 603	HFM 606
Optic Design	Equiconvex		
Optic Size	6.00 mm		
Over All length	12.50 mm		11.00 mm
Estimated A-Constant	A Constant : 118.0		
Recommended Optical A-Constant	A Constant SRK/T : 118.40 | A Constant SRK/II : 118.70 Hoffer Q : 5.14 | Holladay 1 : 1.35 | Holladay 2 : 5.199 | Haigis : a_0=0.912/a_1=0.400/a_2=0.100		
Diopter Range	5.00 D to 30.00 D (0.5 Diopter increments)		
AC Depth*	5.00 mm		
Refractive Index	1.46		
Water Content	26%		
Cartridge Size	FDC220_60DEG		

FREEDOM LENS - POSTERIOR & ANTERIOR CHAMBER

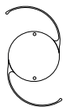
CE 2460

PMMA Posterior & Anterior Chamber Single Piece Intraocular Lens
Lente Intraocular de una Sola Pieza Para Cámara Posterior & Anterior PMMA
Lentille Intraoculaire Monobloc à Chambre Postérieure et Antérieure en PMMA






Model	PCC 503	PMC 524	PMC 553	PCC 603H	PSF 651
Optic Design	Equiconvex				
Optic Size	5.00 mm	5.25 mm	5.50 mm	6.00 mm	6.50 mm
Over All length	12.50 mm	12.00 mm	12.50 mm	12.50 mm	13.50 mm
Haptic Design	Cap. C step vault	Mod. C step vault		Cap. C step vault	Modified C
A-Constant	118.4				118.2
AC Depth*	5.00 mm				4.80 mm

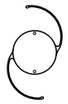




				ANTERIOR CHAMBER	
Model	PMC 602	PMC 602H	PMC 652H	PMS 603	PMS 602
Optic Design	Equiconvex			Equiconvex	
Optic Size	6.00 mm		6.50 mm	6.00 mm	
Over All length	13.00 mm			12.50 mm	13.00 mm
Haptic Design	Mod. C step vault			Modified S	
A-Constant	118.2			115.3	
AC Depth*	4.80 mm			2.95 mm	

FREEDOM POWER & GOLD

CE 2460

PMMA 360° Square Edge Aspheric Single Piece Intraocular Lens
Lente Intraocular Plegable Asférico con Borde Cuadrado 360° de PMMA
Lentille Intraoculaire Asphérique Souple en PMMA à Bord Carré sur 360°



Model	PMC 603HSQ	PMC 603HSQYA
Optic Design	Equiconvex - 360° Square Edge with Aspheric Optic	
Optic Size	6.00 mm	6.00 mm
Over All length	12.50 mm	12.50 mm
Haptic Design	Mod. C step vault	
A-Constant	118.4	
AC Depth*	5.00mm	

FREEDOM IRIS

CE 2460

PMMA Iris Claw Intraocular Lens
Lente Intraocular PMMA Iris Claw
Lentille Intraoculaire PMMA Iris Claw



Model	FIC 4272H *	FIC 5085H *	FIC 5585H
Optic Design	Biconvex - Convex Concave (according to the diopter)		
Optic Size	4.20 mm	5.00 mm	5.50 mm
Over All length	7.20 mm	8.50 mm	8.50 mm
Haptic Design	Claw		
A-Constant	Anterior Side - 115.0 & Posterior Side - 117.4		
AC Depth*	2.95		

FREEDOM RING

CE 2460

PMMA Capsular & Modified Capsular Tension Ring
Annilos de Tensión Capsular & Capsular Modificado PMMA
Anneau de Tension capsulaire & capsulaire modifié en PMMA



Model	FCR 1109	FCR 1210	FCR 1311	FCR 1412
Normal Size	11.00 mm	12.00 mm	13.00 mm	14.00 mm
Compressed Size	9.00 mm	10.00 mm	11.00 mm	12.00 mm





Model	FCC 1210L	FCC 1311L	FCC 1210R	FCC 1311R	FCC 1210LR	FCC 1311LR
Normal Size	12.00 mm	13.00 mm	12.00 mm	13.00 mm	12.00 mm	13.00 mm
Compressed Size	10.00 mm	11.00 mm	10.00 mm	11.00 mm	10.00 mm	11.00 mm



Model	FCS - 10 *
Length	9.00 mm
Fixation Hook Length	0.40 mm

*** Non CE Products**

FREEDOM HOOKS

IRIS Hooks
Ganchos de Iris
Crochet pour iris



- Flexible Hook made of Polypropylene
- Easy to insert and remove
- Pack of 5 Sterile Hooks

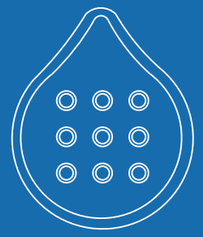
Capsular Hooks
Ganchos Capsulares
Crochets capsulaires



- Capsular Hooks made of Nylon
- Easy to get a firm and reliable grip on the rim
- Pack of 5 Sterile Hooks

FREEDOM EYE SHIELDS

Clear Polycarbonate Eye Shield
Polycarbonate Eye Shield
Claro Policarbonato Protector del ojo



- Eye Shields made of clear Poly Carbonate
- Edges provides maximum comfort
- Hole in the eye shield provides ventilation
- Pack of 25 Sterile Shields

FREEDOM DRAPES

Ophthalmic Surgical Drape
Paños Quirúrgicos Oftálmicos
Draps de Chirurgie Ophtalmique

- These drapes are manufactured using high grade SMS fabric water repellent.
- Also, these are sterilized with ETO that ensure their hygiene and are tested on various quality parameters.
- We offer these Eye Drapes to our valuable clients at a very affordable price range.
- Available sizes are : 60 X 60cm | 70 X 70cm | 100 X 70cm | 40 X 50cm | 25 X 20cm | 100 X 100cm 100 X 120cm | 120 X 120cm etc.,

FREEDOM LON

Monofilament Polyamide Nonabsorbable surgical suture U.S.P
Monofilament Polyamide Nonabsorbable suture chirurgicale U.S.P
Monofilamento de Polyamida no absorbible U.S.P sutura quirúrgica

- Nylon suture is a monofilament non-absorbable surgical suture.
- Nylon sutures are available from U.S.P. size 2 to size 10-0. Suture is available in black colour.
- Nylon sutures are composed of polymers made from 100% homo polymer of polyamide grade 6.6.
- Nylon sutures are ideal for skin closures since they do not exhibit tissue adherence.

FREEDOM I-JET

DISPOSABLE INJECTOR & CARTRIDGES

Model	FHI 001	FMI 001
Other features	Polycarbonate Injector Front Load	Polycarbonate Injector Back Load

Model	FDC200	FDC220	FDC240	FDC260	FDC280
Incision	Tip : 1.70mm Dock-in : 2.00mm Into The Bag : 2.40mm	Tip : 1.85mm Dock-in : 2.20mm Into The Bag : 2.60mm	Tip : 2.00mm Dock-in : 2.40mm Into The Bag : 2.75mm	Tip : 2.10mm Dock-in : 2.60mm Into The Bag : 3.00mm	Tip : 2.40mm Dock-in : 2.80mm Into The Bag : 3.40mm
Shape	Oval 60°				

FREEDOM STRIPS

Ophthalmic Diagnostic Strips
Tirillas para diagnóstico Oftálmico
Bandes de diagnostic ophtalmique



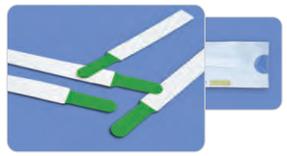
Fluorescein Strips

- Useful for evaluating hard contact lens fitting
- Evaluating tear film breakup time
- To visualise defects in the corneal epithelium
- Each strip is impregnated with approx. 1.0 mg of Fluorescein sodium

Schirmer Strips

- Used for measurement of tear production
- Each strip has a printed mm scale so that they can be easily read
- Innovative peel open packing with transparent film on one side





Lissamine Green Strips

- Used to stain preferentially damaged or devitalized cells
- To indicate any dry patches, as well as any mucus-deficient or damaged corneal epithelial cells
- Each strip is impregnated with approximately 1.50 mg of Lissamine Green

Rose Bengal Strips

- It stains devitalized or degenerated epithelial cells as well as mucous filaments
- Each strip is impregnated with approximately 1.50 mg of Rose Bengal
- Innovative peel open packing with transparent film on one side



FREEDOM MICRO

CE 2460

DISPOSABLE BLADES | STERILE PACKAGE | 10 PER BOX

Ophthalmic Surgical Blades
Cuchilletes Quirúrgicos Oftálmicos
Lames de Chirurgie Ophtalmiques

KERATOME SHARP



Model	FB1024ST	FB1324ST	FB1620ST	FB 1920ST	FB 2220ST
Blade	Keratome Sharp Tip				
Size	1.00 mm	1.30 mm	1.60 mm	1.90 mm	2.20 mm

Model	FB2520ST	FB2820ST	FB3119ST	FB3419ST
Blade	Keratome Sharp Tip			
Size	2.40 mm	2.80 mm	3.20 mm	3.40 mm

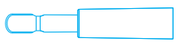
KERATOME BLUNT



Model	FB3518BT	FB3818BT	FB4118BT	FB4418BT	FB4716BT
Blade	Keratome Blunt Tip				
Size	3.50 mm	3.80 mm	4.10 mm	4.40 mm	4.70 mm

Model	FB5016BT	FB5316BT	FB5616BT	FB5915BT	FB6215BT
Blade	Keratome Blunt Tip				
Size	5.00 mm	5.30 mm	5.60 mm	5.90 mm	6.20 mm

CRESCENT



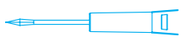
Model	FB2020TI	FB2320TI	FB2620TI
Blade	Crescent Blades		
Size	2.00 mm	2.30 mm	2.60 mm

LANCE TIP



Model	FB1524LT	FB3024LT	FB4524LT
Blade	Lance Tip		
Size	15 degree	30 degree	45 degree

MVR



Model	FB 19MVR	FB20MVR	FB24MVR
Blade	MVR - Blades		
Size	19G(1.5mm)	20G(1.2mm)	24G(0.8mm)

FREEDOM I - Scein

Fluorescein Injection USP 20% w/v & 10% w/v

- Freedom i-Sceine is sterile Fluorscein sodium 20% aqueous solution packed in 3ml & 5ml Ampoules.
- The solution is pyrogen free and preservative free.
- Used to detect the defects in corneal epithelium, Contact lens fitting, Tear flow assessment, ophthalmic angiography.
- Box of 10 X 3 ml & 10 X 5ml individually packed.

FREEDOM I-Visc

Hydroxy propyl Methyl cellulose Ophthalmic Solution USP 2% w/v

- Freedom Indi visc is 2% aqueous solution of Hydroxy propyl methyl cellulose packed in 2ml sterile Pre fill syringe & also 5ml vial.
- This solution is Premium grade Viscoelastic Solution with the viscosity of 4000cPs
- The product is Clear, Sterile, isotonoic and Non-pyrogenic.
- It Protects and remains adjacent to corneal endothelium during cataract surgery. Selectively moves and isolates tissues in anterior chamber.

FREEDOM I - Blue

Trypan Blue Ophthalmic Solution 1ml PFS & 1ml Vial USP 0.01% w/v

- Freedom i-Blue is sterile Trypan blue 0.6% aqueous solution. Packed in 1ml sterile vial with buffered solution & 1ml Pre fill syringe.
- Used to evaluate viability of endothelial cell and Staining of acellular ILM & ERM
- Used in Cataract surgery and Chromovitrectomy surgery.
- Box of 10 X 1 ml individually packed.

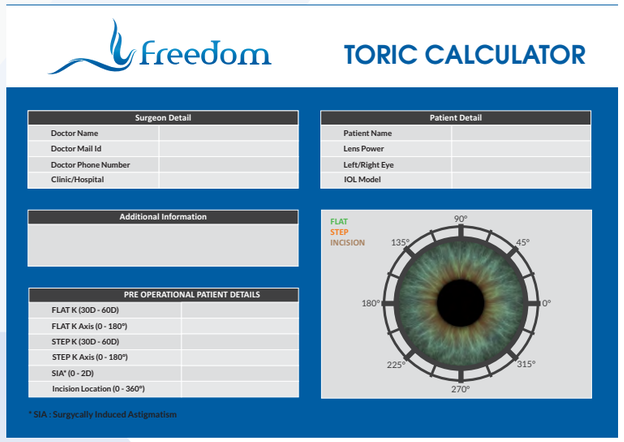
Carbachol Intraocular Solution 1 ml USP 0.01% w/v

- Freedom Carbachol intraocular solution, U.S.P. is a sterile balanced salt solution of Carbachol USP 0.01% w/v with Sterile aqueous base ....q.s in contents of 1ml vial for intraocular injection.
- They reduce the intensity of intraocular pressure elevation during the first 24 hours after a cataract surgery.
- Box of 10 X 1 ml individually packed.

PREMIUM CATALOGUE

Ask for our PREMIUM IOLs Catalogue to get more information about our TORIC IOLs, MULTIFOCAL IOLs, TRIFOCAL IOLs, EDOF IOLs and 3-PIECE IOLs.

Connect to
www.freedomtoriccalculator.com
to order your TORIC Lens.



INSTRUMENTS CATALOGUE

Ask for our INSTRUMENTS Catalogue to get more information about our forceps, needle holders, scissors, etc...

More than 700 ophthalmic surgical instruments!

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