



INTRAOCULAR LENSES

www.freedom-medicare.com



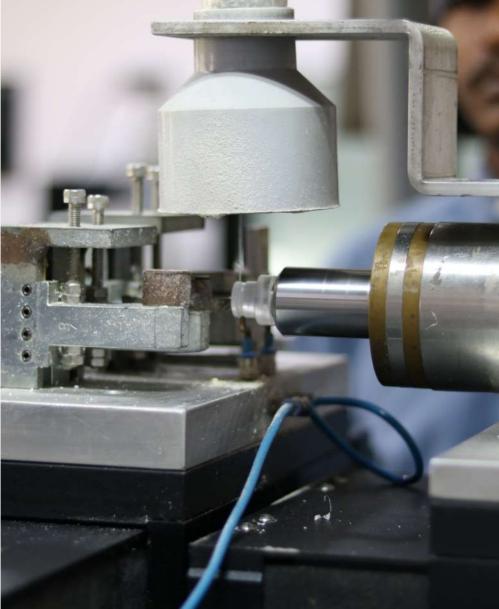
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ABOUT US





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



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

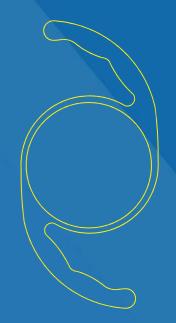
Model	FPL 6	03SQ	FPL 6	602SQ	
Optic Design		Edge with Aspheric Optic			
Material	Hydrophobic Acrylic				
Optic Size		6.00	mm		
Over All length	12.50	0 mm	13.0	13.00 mm	
Haptic Angle		C) °		
AC Depth	5.28				
Refractive Index		1.4930			
Estimated A-Constant		A Constant: 118.4			
Recommended	A	Constant SRK/T : 119.20	A Constant SRK/II: 119	2.50	
Optical A-Constant	Hoffer Q: 5.65 Hol	a ₀ =1.441/a ₁ =0.400/a ₂ =0.100			
Diopter Range	6.00 D to 30.00 D (0.5 Diopter increments)				
Cartridge Size	2.20 mm	Preloaded 2.20 mm	2.20 mm	Preloaded 2.20 mm	
Sterilization	Ethylene Oxide				

FREEDOM ZEN



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°

- ❖ Diopter Range +6.00 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 low PCO rates
- Glistening free



Model	FPL 60	3SQY	FPL 602SQY		
Optic Design		Equiconvex - 360° Square	Edge with Aspheric Optic		
Material		Yellow Hydro	phobic Acrylic		
Optic Size		6.00) mm		
Over All length	12.50 mm 13.00 mm				
Haptic Angle	O°				
AC Depth	5.28				
Refractive Index	1.4930				
Estimated A-Constant		A Consta	nt : 118.4		
Recommended	AC	onstant SRK/T : 119.20	A Constant SRK/II: 11	9.50	
Optical A-Constant	Hoffer Q: 5.65 Holladay 1: 1.87 Holladay 2: 5.199 Haigis: a ₀ =1.441/a ₁ =0.400/a ₂ =0.10				
Diopter Range	6.00 D to 30.00 D (0.5 Diopter increments)				
Cartridge Size	2.20 mm	Preloaded 2.20 mm	2.20 mm	Preloaded 2.20 mm	
Sterilization	Ethylene Oxide				

FREEDOM ELITE



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	AFR 603SQY	AFC 603SQY	AFM 606SQY		
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 : a₀=0.912/a₁=0.400/a₂=0.100				
Diopter Range	6.00 D to 30.00 D (0.5 Diopter increments)				
AC Depth*	5.00 mm				
Refractive Index	1.46				
Water Content	26%				
Cartridge Size		2.20 mm			

FREEDOM FOCUS



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	AFR 603SQ	AFC 603SQ	AFM 606SQ		
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	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				
Optical A-Constant					
Diopter Range	6.00 D to 30.00 D (0.5 Diopter increments)				
AC Depth*		5.00 mm			
Refractive Index	1.46				
Water Content	26%				
Cartridge Size		2.20 mm			

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	11.00 mm				
Estimated A-Constant	A Constant : 118.0					
Recommended	A Constant SRK/T : 118.40 A Constant SRK/II : 118.70					
Optical A-Constant	Hoffer Q:5.14 Holladay 1:1	1.35 Holladay 2 : 5.199	Haigis: a ₀ =0.912/a ₁ =0.400/a ₂ =0.100			
Diopter Range	6.00 D to 35.00 D (0.5 Diopter increments)					
AC Depth*		5.00 mm				
Refractive Index	1.46					
Water Content	26%					
Cartridge Size 2.20 mm						

FREEDOM FOLD



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







	_		0 0			
Model	HFR 603	HFC 603	HFM 606			
Optic Design		Equiconvex				
Optic Size		6.00 mm				
Over All length	12.50	12.50 mm				
Estimated A-Constant	A Constant: 118.0					
Recommended	A Constant S	SRK/T: 118.40 A Constant SF	RK/II: 118.70			
Optical A-Constant	Hoffer Q: 5.14 Holladay 1: 1	L.35 Holladay 2 : 5.199	Haigis: a ₀ =0.912/a ₁ =0.400/a ₂ =0.100			
Diopter Range	6.00 D to 30.00 D (0.5 Diopter increments)					
AC Depth*	5.00 mm					
Refractive Index		1.46				
Water Content		26%				
Cartridge Size	2.20 mm					

FREEDOM LENS - POSTERIOR & ANTERIOR CHAMBER



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			Equic	onvex
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			Modi	fied S
A-Constant	118.2		115.3		
AC Depth*	4.80 mm			2.95	mm

FREEDOM POWER & GOLD



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 603HSQA	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

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



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

FREEDOM SEGMENT RING

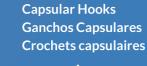


Model	FCS - 10
Length	9.00 mm
Fixation Hook Length	0.40 mm

FREEDOM HOOKS

IRIS Hooks Ganchos de Iris Crochet pour iris

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



- 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.
- ❖ 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 with disposable Cartridge for Incision 2.2 to 2.8 mm (Front Load)	Polycarbonate Injector with disposable Cartridge for Incision 2.2 to 2.8 mm (Back Load)

DISPOSABLE CARTRIDGE FOR FOLDABLE IOL IMPLANT

Model	FDC 220	FDC 240	FDC 260	FDC 280		
Incision	2.20 mm	2.40 mm	2.60 mm	2.80 mm		
Shape	Oval					

FREEDOM STRIPS

Ophthalmic Diagnostic Strips Tirillas para diagnóstico Oftálmico Bandes de diagnostic ophtalmique



Fluorescein Strips

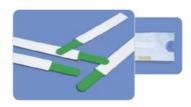
- Useful for evaluating hard contact lens fitting
- Evaluating tear film breakup time
- To visualise defects in the corneal epithelium
- Each strip is impregnated with approx. 1.0 mg of Fluorescein sodium

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



DISPOSABLE BLADES | STERILE PACKAGE | 10 PER BOX

Ophthalmic Surgical Blades Cuchilletes Quirúrgicos Oftálmicos Lames de Chirurgie Ophtalmiques



Model	FB1024ST	FB1324ST	FB16	20ST	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	FB2820	ST	FB	3119ST	FB3419ST
Blade		Keratome Sharp Tip				
Size	2 50 mm	2 80 m	m	3	10 mm	3 40 mm



Model	FB3518BT	FB3818BT	FB4418BT	FB4118BT	FB4716BT
Blade			Keratome Blunt Tip		
Size	3.50 mm	3.80 mm	4.40 mm	4.10 mm	4.70 mm
Model	FB5016BT	FB5316BT	FB5616BT	FB5915BT	FB6215BT
Blade					
biaue			Keratome Blunt Tip		

CRESCENT	/ 11	

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

LANCE T	ID	
LANCE	IP .	

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

IVK

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.

FREEDOM Carbachol

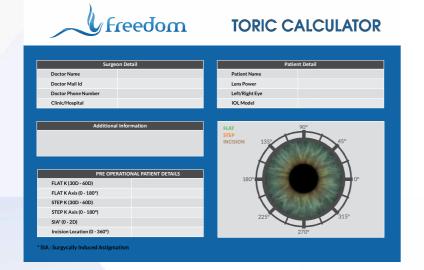
Carbachol Intraocular Solution 1 ml USP 0.01% w/v

- ❖ Freedom Carbachol intraocular solution, U.S.P. is a sterile balanced salt solution of Carbachol USP 0.01% w/v with Sterile aqueous baseq.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, TRIFOCALIOLs, 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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