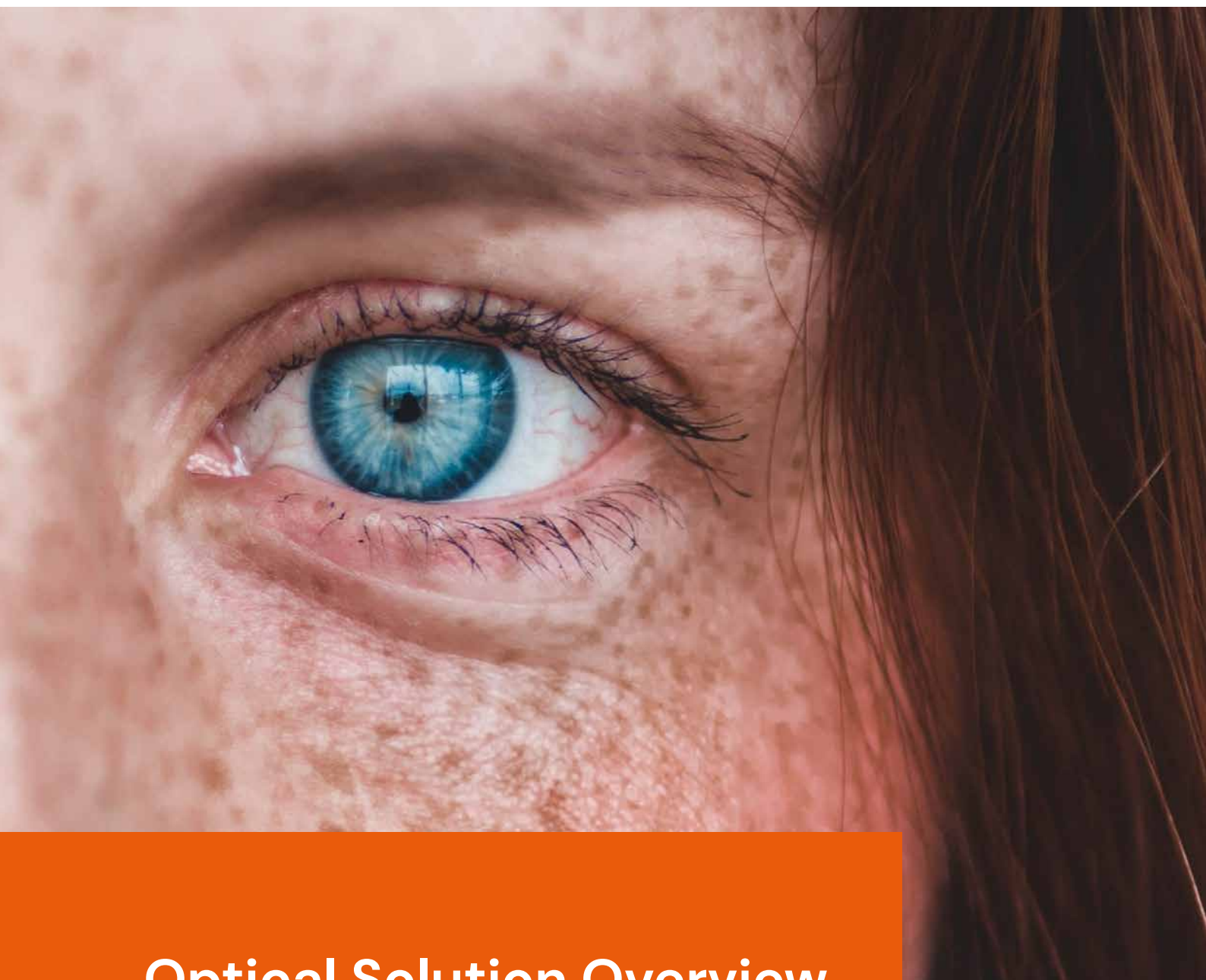




IOL PORTFOLIO



Optical Solution Overview

Our solution – for every eye

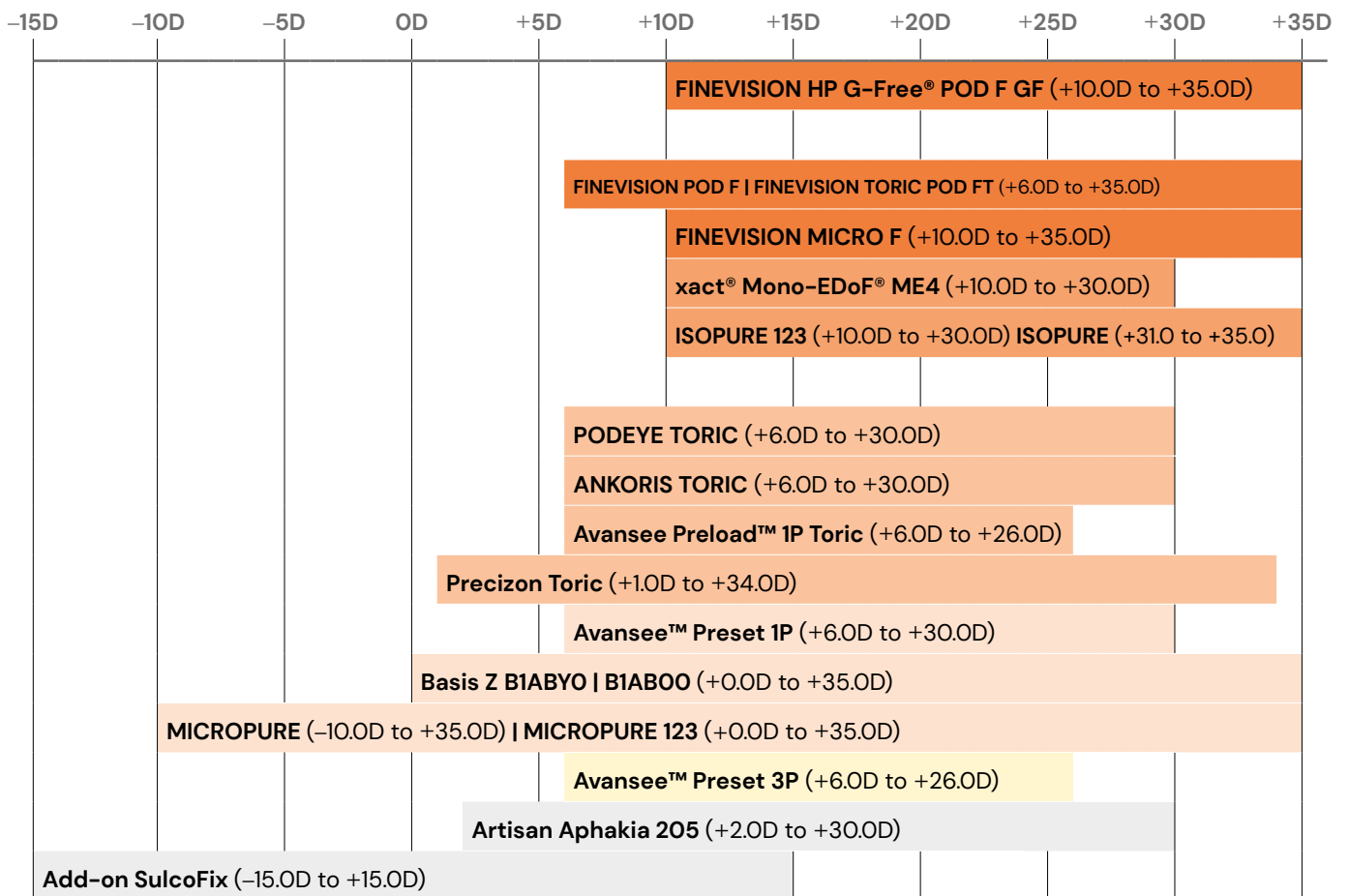
Medilas offers a comprehensive and complete IOL portfolio to fulfill your patients' needs.

Please contact us for any question.

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Dioppter Range Overview



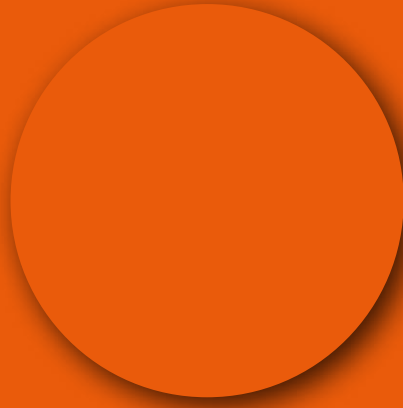
FINEVISION HP G-Free® POD F GF



Technical name	POD F GF		
Material	PhysIOL G-Free® (hydrophobic acrylic glistening-free*)		
LCA	---		
Overall diameter	11.40 mm		
Optic diameter	6.00 mm		
Optic Haptic	Biconvex aspheric (-0.11µ SA) trifocal diffractive FineVision Double C-loop & RidgeTech®		
Filtration	UV and blue light		
Refractive index	1.52		
Abbe number	42		
Angulation	5°		
AC depth	---		
Additional Power	+1.75D for intermediate vision and +3.50D for near vision		
Injection system	Medicel Accuject 2.0 from +10.0D to +24.5D Medicel Accuject 2.2 from +25.0D to +35.0D		
Incision size	≥ 2.0 mm		
Power	+10.0D to +35.0D (0.5D steps)		
Cylinder power (IOL plane)	---		
Square edge	360°		
Nominal manufacturer A constant	119.40		
Suggested A constant for implantation in capsular bag <small>(Estimates only: surgeons are recommended to use their own values based upon their personal experience.)</small>		Interferometry	Ultrasound
	Hoffer Q: pACD	5.85	5.59
	Holladay 1: Sf	2.06	1.80
	SRK/T:A	119.40	119.05
	Haigis (not optimized): a0;a1;a2	1.70; 0.40; 0.10	1.214; 0.40; 0.10
	Barrett: LF	2.09	---
Manufacturer	PhysIOL		

* The PhysIOL G-Free® has been patented since 2010.

FINEVISION HP
TORIC G-Free®
POD FT



COMING
SOON

Trifocal & Trifocal Toric

FINEVISION POD F

FINEVISION TORIC POD FT



Technical name	POD F	POD FT	
Material	26% hydrophilic acrylic		
LCA	---		
Overall diameter	11.40 mm		
Optic diameter	6.00 mm		
Optic Haptic	Biconvex aspheric (-0.11 μ SA) trifocal diffractive FineVision	Biconvex aspheric (-0.11 μ SA) toric trifocal diffractive FineVision	
Filtration	UV and blue light		
Refractive index	1.46		
Abbe number	58		
Angulation	5°		
AC depth	---		
Additional Power	+1.75D for intermediate vision and +3.50D for near vision		
Injection system	Medicel Accuject 2.0 from +6.0D to +24.5D and Medicel Accuject 2.2 from +25.0D to +35.0D		
Incision size	≥ 2.0 mm		
Power	+6.0D to +35.0D (0.5D steps)		
Cylinder power (IOL plane)	---	1.00 - 1.50 - 2.25 - 3.00 - 3.75 - 4.50 - 5.25 - 6.00D	
Square edge	360°		
Nominal manufacturer A constant	118.95		
Suggested A constant for implantation in capsular bag (Estimates only; surgeons are recommended to use their own values based upon their personal experience.)		Interferometry	Ultrasound
	Hoffer Q: pACD	5.59	5.35
	Holladay 1: Sf	1.83	1.57
	SRK/T:A	118.95	118.73
	Haigis (not optimized): a0;a1;a2	1.36; 0.40; 0.10	1.13; 0.40; 0.10
	Barrett: LF	1.86	---
Manufacturer	PhysIOL		

FINEVISION MICRO F



Technical name	MICRO F		
Material	25% hydrophilic acrylic		
LCA	---		
Overall diameter	10.75 mm		
Optic diameter	6.15 mm		
Optic Haptic	Biconvex aspheric (-0.11 μ SA) trifocal diffractive FineVision		
Filtration	UV and blue light		
Refractive index	1.46		
Abbe number	58		
Angulation	5°		
AC depth	---		
Additional Power	+1.75D for intermediate vision and +3.50D for near vision		
Injection system	Medicel Accuject 2.0		
Incision size	≥ 1.8 mm		
Power	+10.0D to +35.0D (0.5D steps)		
Cylinder power (IOL plane)	---		
Square edge	360°		
Nominal manufacturer A constant	118.80		
Suggested A constant for implantation in capsular bag <small>(Estimates only; surgeons are recommended to use their own values based upon their personal experience.)</small>		Interferometry	Ultrasound
	Hoffer Q: pACD	5.35	5.26
	Holladay 1: Sf	1.60	1.48
	SRK T:A	118.80	118.59
	Haigis (not optimized): a0;a1;a2	1.36; 0.40; 0.10	1.04; 0.40; 0.10
	Barrett: LF	1.78	---
Manufacturer	PhysIOL		

EDOF Monofocal | Monofocal Toric

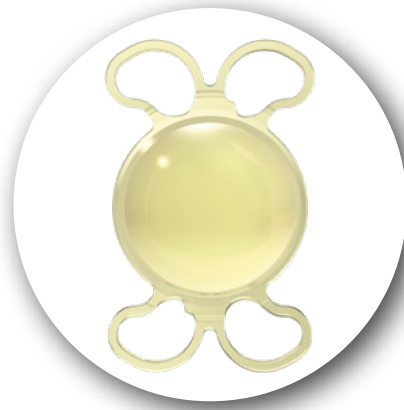
xact[®] Mono-EDoF[®] ME4



Technical name	xact[®] Mono-EDoF[®] ME4		
Material	Hydrophobic acrylic		
LCA	---		
Overall diameter	12.50 mm		
Optic diameter	6.00 mm		
Optic Haptic	Biconvex, aspheric EDoF diffractive		
Filtration	UV and blue light		
Refractive index	1.54 at 35° C		
Abbe number	41		
Angulation	0°		
AC depth	---		
Additional Power	---		
Injection system	Medicel Accuject 2.2 BL		
Incision size	≥ 2.2 mm		
Power	+10.0D to +30.0D (0.5D steps)		
Cylinder power (IOL plane)	---		
Square edge	360°		
Nominal manufacturer A constant	---		
Suggested A constant for implantation in capsular bag (Estimates only: surgeons are recommended to use their own values based upon their personal experience.)		Interferometry	Ultrasound
	Hoffer Q: pACD	5.84	---
	Holladay 1: Sf	2.07	---
	SRK T:A	119.50	---
	Haigis (not optimized): a0;a1;a2	1.64; 0.40; 0.10	---
	Barrett: LF	2.15	---
Manufacturer	Santen		

ISOPURE 123 G-Free®

ISOPURE G-Free®

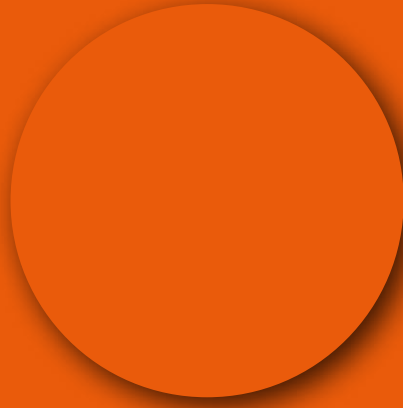


Technical name	ISOPURE 123		
Material	PhysIOL G-Free® (hydrophobic acrylic glistening-free*)		
LCA	---		
Overall diameter	10.75 mm		
Optic diameter	10.0D to 24.5: 11.00 mm 25.0D to 30.0D: 10.75 mm		
Optic Haptic	Isofocal surface design		
Filtration	UV and blue light		
Refractive index	1.52		
Abbe number	42		
Angulation	---		
AC depth	---		
Additional Power	---		
Injection system	PhysIOL 1.2.3 Premium		
Incision size	≥ 2.2 mm		
Power	ISOPURE 123 +10.0D to +30.0D (0.5D steps) Cartridge with PRS® technology		
Cylinder power (IOL plane)	---		
Square edge	360°		
Nominal manufacturer A constant	119.40		
Suggested A constant for implantation in capsular bag (Estimates only; surgeons are recommended to use their own values based upon their personal experience.)		Interferometry	Ultrasound
	Hoffer Q: pACD	5.85	5.59
	Holladay 1: Sf	2.06	1.80
	SRK T:A	119.40	119.05
	Haigis (not optimized): a0;a1;a2	1.70; 0.40; 0.10	1.214; 0.40; 0.10
	Barrett: LF	2.09	---
Manufacturer	PhysIOL		

* The PhysIOL G-Free® has been patented since 2010.

Extreme diopters available non-preloaded with Medice! Accuject 2.2 injection system
ISOPURE +31.0D to +35.0D (1.0D steps)

**ISOPURE 123
G-Free®
TORIC**



**COMING
SOON**

**PODEYE
TORIC
G-Free®**



Technical name	PODEYE TORIC		
Material	PhysIOL G-free® (GFY) (hydrophobic acrylic glistening-free)*		
LCA	---		
Overall diameter	11.40 mm		
Optic diameter	6.00 mm		
Optic Haptic	Biconvex aspheric aberration-correcting (-0.11µ SA)		
Filtration	UV and blue light		
Refractive index	1.52		
Abbe number	42		
Angulation	5°		
AC depth	---		
Additional Power	---		
Injection system	Medicel Accuject 2.2		
Incision size	> 2.0 mm		
Power	+6.0D to +30.0D (0.5D steps)		
Cylinder power (IOL plane)	1.00 - 1.50 -2.25 - 3.00 - 3.75 - 4.50 - 5.25 - 6.00D		
Square edge	360°		
Nominal manufacturer A constant	119.40		
Suggested A constant for implantation in capsular bag (Estimates only: surgeons are recommended to use their own values based upon their personal experience.)		Interferometry	Ultrasound
	Hoffer Q: pACD	5.85	---
	Holladay 1: Sf	2.06	---
	SRK T:A	119.40	---
	Haigis (not optimized): a0;a1;a2	1.70; 0.40; 0.10	---
	Barrett: LF	2.09	---
Manufacturer	PhysIOL		

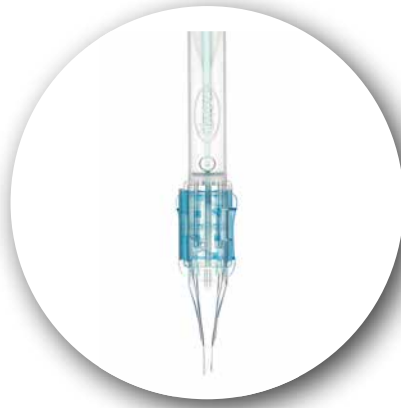
* The PhysIOL G-Free® has been patented since 2010.

ANKORIS TORIC



Technical name	ANKORIS		
Material	26% hydrophilic acrylic		
LCA	---		
Overall diameter	11.40 mm		
Optic diameter	6.00 mm		
Optic Haptic	Biconvex aspheric aberration-correcting (-0.11µ SA)		
Filtration	UV and blue light		
Refractive index	1.46		
Abbe number	58		
Angulation	5°		
AC depth	---		
Additional Power	---		
Injection system	Medicel Accuject 2.0 from +6.0D to +24.5D Medicel Accuject 2.2 from +25.0D to +30.0D		
Incision size	≥ 2.0 mm		
Power	+6.0D to +30.0D (0.5D steps)		
Cylinder power (IOL plane)	1.50 - 2.25 - 3.00 - 3.75 - 4.50 - 5.25 - 6.00D		
Square edge	360°		
Nominal manufacturer A constant	118.95		
Suggested A constant for implantation in capsular bag (Estimates only; surgeons are recommended to use their own values based upon their personal experience.)		Interferometry	Ultrasound
	Hoffer Q: pACD	5.59	5.35
	Holladay 1: Sf	1.83	1.57
	SRK T:A	118.95	118.73
	Haigis (not optimized): a0;a1;a2	1.36; 0.40; 0.10	1.13; 0.40; 0.10
	Barrett: LF	1.86	---
Manufacturer	PhysIOL		

Avansee™ Preload 1P TORIC



Technical name	CP-T (clear type)		
Material	Hydrophobic soft acrylic		
LCA	---		
Overall diameter	13.00 mm		
Optic diameter	6.00 mm		
Optic Haptic	Aspheric biconvex (-0.04μ SA) modified C-loop		
Filtration	UV		
Refractive index	1.519		
Abbe number	---		
Angulation	5°		
AC depth	---		
Additional Power	---		
Injection system	Avansee™ preloaded		
Incision size	≥ 2.0 mm (through sclera cornea) ≥ 2.4 mm (through cornea)		
Power	+6.0D to +10.0D (1.0D steps) and +10.0D to +26.0D (0.5D steps)		
Cylinder power (IOL plane)	1.50 – 2.25 – 3.00 – 3.75 – 4.50D		
Square edge	360°		
Nominal manufacturer A constant	118.60		
Suggested A constant for implantation in capsular bag <small>(Estimates only; surgeons are recommended to use their own values based upon their personal experience.)</small>		Interferometry	Ultrasound
	Hoffer Q: pACD	5.69	---
	Holladay 1: Sf	1.87	---
	SRK T:A	119.03	---
	Haigis (not optimized): a0;a1;a2	1.557; 0.40; 0.10	---
	Barrett: LF	---	---
Manufacturer	Kowa		

PRECIZON Toric Model 565



Technical name	PRECIZON Toric Model 565		
Material	Hydrophilic acrylic		
LCA	---		
Overall diameter	12.50 mm		
Optic diameter	6.00 mm		
Optic Haptic	Transitional conic toric, biconvex, aspheric		
Filtration	UV		
Refractive index	1.46		
Abbe number	---		
Angulation	0°		
AC depth	---		
Additional Power	---		
Injection system	OD665 Dualtec 2.0		
Incision size	≥ 2.2 mm		
Power	+1.0D to +34.0D (0.5D steps)		
Cylinder power (IOL plane)	+1.0D to +10.0D (0.5D steps)		
Square edge	360°		
Nominal manufacturer A constant	118.00		
Suggested A constant for implantation in capsular bag (Estimates only: surgeons are recommended to use their own values based upon their personal experience.)		Interferometry	Ultrasound
	Hoffer Q: pACD	5.27	---
	Holladay 1: Sf	1.53	---
	SRK T:A	118.60	---
	Haigis (not optimized): a0;a1;a2	0.567; 0.40; 0.10	---
	Barrett: LF	1.67	---
Manufacturer	OPHTEC		

Avansee™ Preset 1P YP2.2 R | CP2.2 R



Technical name	YP2.2 R (yellow type)	CP2.2 R (clear type)	
Material	Hydrophobic soft acrylic	Hydrophobic soft acrylic	
LCA	---		
Overall diameter	13.00 mm		
Optic diameter	6.00 mm		
Optic Haptic	Aspheric, biconvex (-0.04μ SA), modified C-loop		
Filtration	UV and blue light	UV	
Refractive index	1.519		
Abbe number	---		
Angulation	5°		
AC depth	5.3		
Additional Power	---		
Injection system	Avansee™ preloaded		
Incision size	≥ 2.2 mm (through sclera cornea) ≥ 2.4 mm (through cornea)		
Power	+6.0D to +10.0D (1.0D steps) and +10.0D to +30.0D (0.5D steps)		
Cylinder power (IOL plane)	---		
Square edge	360°		
Nominal manufacturer A constant	118.60		
Suggested A constant for implantation in capsular bag (Estimates only; surgeons are recommended to use their own values based upon their personal experience.)		Interferometry	Ultrasound
	Hoffer Q: pACD	5.69	---
	Holladay 1: Sf	1.87	---
	SRK T:A	119.03	---
	Haigis (not optimized): a0;a1;a2	1.557; 0.40; 0.10	---
	Barrett: LF	---	---
Manufacturer	Kowa		

Monofocal 1 Piece

Basis Z



Technical name	B1ABYO yellow	B1ABOO clear	
Material	biokompatibles hydrophobes Acryl (<0.5%)		
LCA	---		
Overall diameter	13.00 mm		
Optic diameter	6.00 mm		
Optic Haptic	Z-haptic		
Filtration	UV and blue light (optional)		
Refractive index	1.47		
Abbe number	58		
Angulation	0°		
AC depth	---		
Additional Power	---		
Injection system	POB-MA Preloaded		
Incision size	≥ 2.2 mm		
Power	+0.0D to +9.0D (1D steps) and +10.0D to +30.0D (0.5D steps)		
Cylinder power (IOL plane)	---		
Square edge	360°		
Nominal manufacturer A constant	119.03		
Suggested A constant for implantation in capsular bag (Estimates only: surgeons are recommended to use their own values based upon their personal experience.)		Interferometry	Ultrasound
	Hoffer Q: pACD	5.60	---
	Holladay 1: Sf	1.80	---
	SRK T:A	119.03	---
	Haigis (not optimized): a0;a1;a2	0.87; 0.26; 0.14	---
	Barrett: LF	---	---
Manufacturer	1stQ		
	Extreme diopters available preloaded with POB-MA injection system +31.0D to +35.0D (1.0D steps) S1ABYO yellow S1ABOO clear		

MICROPURE 1.2.3 G-Free®

MICROPURE G-Free®



Technical name	MICROPURE 123		
Material	PhysIOL G-Free® (Hydrophobic acrylic glistening-free*)		
LCA	---		
Overall diameter	+0.0D to +24.5D: 11.00 mm +25.0D to +30.0D: 10.75 mm		
Optic diameter	+0.0D to +24.5D: 6.00 mm +25.0D to +30.0D: 5.75 mm		
Optic Haptic	Biconvex aspheric aberration-correcting (-0.11µ SA)		
Filtration	UV and blue light		
Refractive index	1.52		
Abbe number	42		
Angulation	2°		
AC depth	---		
Additional Power	---		
Injection system	PhysIOL 1.2.3 Premium		
Incision size	≥ 2.2 mm		
Power	+0.0D to +9.0D (1D steps) and +10.0D to +30.0D (0.5D steps) Cartridge with PRS technology		
Cylinder power (IOL plane)	---		
Square edge	360°		
Nominal manufacturer A constant	119.40		
Suggested A constant for implantation in capsular bag (Estimates only; surgeons are recommended to use their own values based upon their personal experience.)		Interferometry	Ultrasound
	Hoffer Q: pACD	5.85	5.59
	Holladay 1: Sf	2.06	1.80
	SRK T:A	119.40	119.05
	Haigis (not optimized): a0;a1;a2	1.70; 0.40; 0.10	1.214; 0.40; 0.10
	Barrett: LF	2.09	---
Manufacturer	PhysIOL		

* The PhysIOL G-Free® has been patented since 2010.
Extreme diopters available non-preloaded with Medcel Accuject 2.2 injection system
 MICROPURE -10.0D to +9.0D (1.0D steps) & +31.0D to +35.0D (1.0D steps)
 MICROPURE +10.0D to + 30.0D (0.5D steps)

Monofocal 3 Piece

Avansee™ Preset 3P PN6AS | PU6AS



Technical name	PN6AS (yellow type)	PU6AS (clear type)	
Material	Hydrophobic soft acrylic	Hydrophobic soft acrylic	
LCA	---		
Overall diameter	13.00 mm		
Optic diameter	6.00 mm		
Optic Haptic	Biconvex, modified C-loop, aspheric (-0.04μ SA)		
Filtration	UV and blue light	UV	
Refractive index	1.519		
Abbe number	---		
Angulation	5°		
AC depth	---		
Additional Power	---		
Injection system	Avansee™ preloaded		
Incision size	≥ 2.4 mm		
Power	+6.0D to +10.0D (1.0D steps) and 10.0D to +26.0D (0.5D steps)		
Cylinder power (IOL plane)	---		
Square edge	360°		
Nominal manufacturer A constant	118.70		
Suggested A constant for implantation in capsular bag (Estimates only: surgeons are recommended to use their own values based upon their personal experience.)		Interferometry	Ultrasound
	Hoffer Q: pACD	5.64	---
	Holladay 1: Sf	1.85	---
	SRK T:A	119.00	---
	Haigis (not optimized): a0;a1;a2	1.57; 0.40; 0.10	---
	Barrett: LF	---	---
Manufacturer	Kowa		

Artisan Aphakia 205



Technical name	Artisan Aphakia 205		
Material	PMMA		
LCA	---		
Overall diameter	8.50 mm x 5.40 mm		
Optic diameter	5.00 mm		
Optic Haptic	+2.0D to +9.0D plano-convex +10.0D to +30.0D biconvex		
Filtration	UV		
Refractive index	---		
Abbe number	---		
Angulation	10°		
AC depth	3.3 mm		
Additional Power	---		
Injection system	---		
Incision size	≤ 5.5 mm		
Power	+2.0D to +30.0D (1.0D steps) and +14.5D to +24.5D (0.5D steps)		
Cylinder power (IOL plane)	---		
Square edge	---		
Nominal manufacturer A constant	prae. 115.00 retro 116.80		
Suggested A constant for implantation in capsular bag (Estimates only; surgeons are recommended to use their own values based upon their personal experience.)		Praepupillary	Retropupillary
	Hoffer Q: pACD	3.62	4.34
	Holladay 1: Sf	-0.08	0.54
	SRK T:A	115.70	116.90
	Haigis (not optimized): a0;a1;a2	-0.16; 0.40; 0.10	-0.250; 0.40; 0.10
	Barrett: LF	0.15	0.78
Manufacturer	OPHTEC		
	Artisan Toric on request		

Add-on (SulcoFix)



Technical name	SulcoFix UAON UAONT UAOND UAONDT		
Material	Hydrophilic acrylic		
LCA	---		
Overall diameter	---		
Optic diameter	6.20 mm		
Optic Haptic	Aspheric, conex, concave		
Filtration	---		
Refractive index	1.46		
Abbe number	---		
Angulation	---		
AC depth	---		
Additional Power	+3.50D for near +1.80D for intermediate		
Injection system	Add-on injection system		
Incision size	---		
Power	-15.0D to +15.0D (0.5D steps)		
Cylinder power (IOL plane)	+0.50D to +10.0D (0.5D steps)		
Square edge	---		
Nominal manufacturer A constant	Calculations on request (info@medilas.ch)		
Suggested A constant for implantation in capsular bag (Estimates only: surgeons are recommended to use their own values based upon their personal experience.)		Interferometry	Ultrasound
	Hoffer Q: pACD	---	---
	Holladay 1: Sf	---	---
	SRK T:A	---	---
	Haigis (not optimized): a0;a1;a2	---	---
	Barrett: LF	---	---
Manufacturer	CareGroup		
	Available in Monofocal, Toric, Trifocal and Toric Trifocal		



Our knowledge – your benefit

Specialised to support you
with the calculation of your patients'
toric or multifocal toric lens.

Medilas AG

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