

640P | 640PY

Single piece, sterile, foldable acrylic aspheric hydrophilic posterior chamber intraocular lens (IOL) with UV blocker, optionally with blue light filter. The optic is monofocal. The IOL is preloaded, which is part of an injection system, delivered in a special lens holder, that must be inserted into a dedicated injector before implantation.



CLEAR IOL
640P

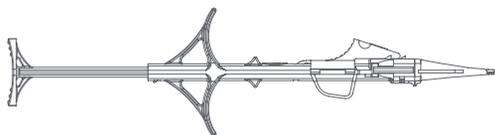
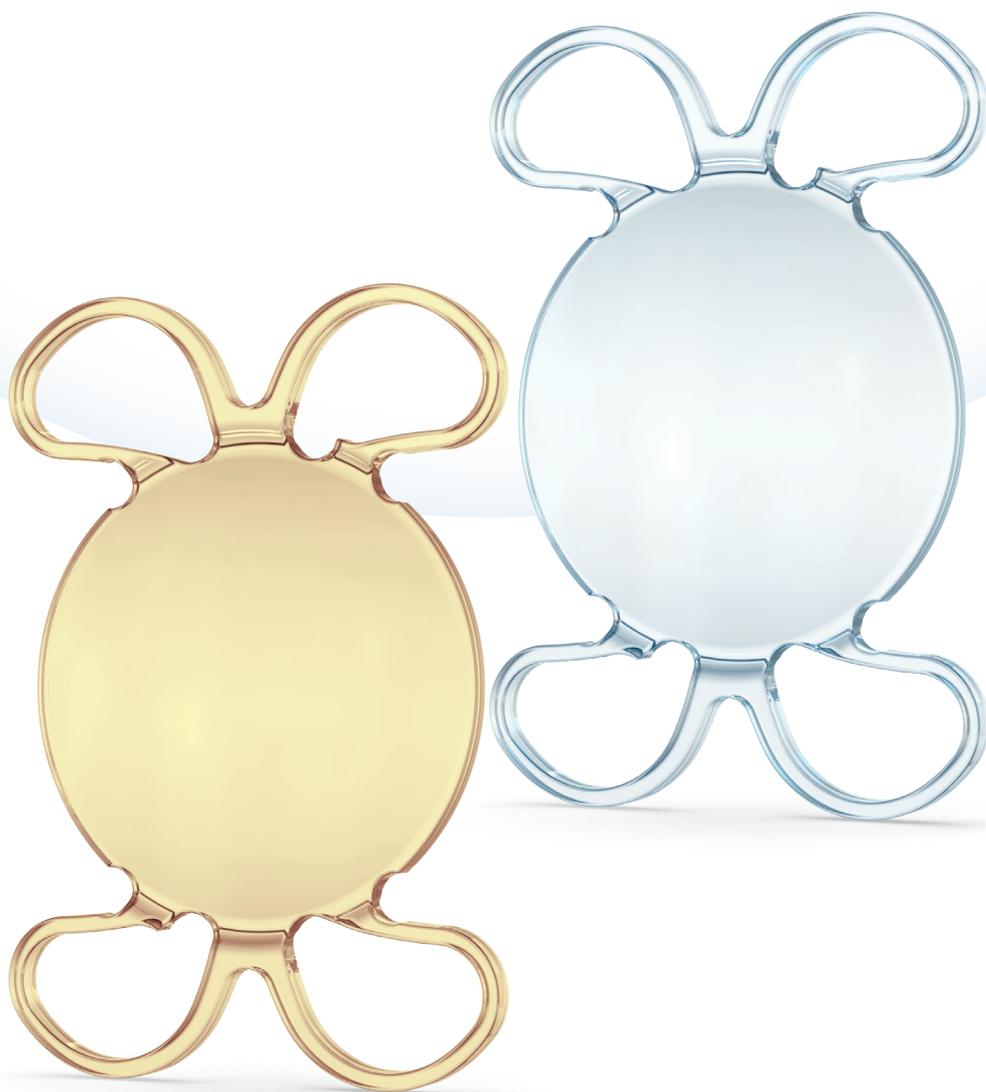
YELLOW IOL
640PY

POWER RANGE		
Standard Powers	0.0 D → +9.0 D (1.0 D steps) +10.0 D → +30.0 D (0.5 D steps)	
Extreme Powers	+31.0 D → +35.0 D (1.0 D steps)	
MATERIAL		
Copolymer of hydrophobic and hydrophilic monomers with 25% water content, UV blocker and optional blue light filter		
Refractive Index	1.46	
Abbe Number	58	
DESIGN		
Optic Diameter Overall Diameter	6 mm	11.0 mm (0.0 D → +15.0 D) 10.7 mm (+15.5 D → +35.0 D)
Optic Design	Aspheric - Aberration Neutral Biconvex (0.0 D → +35.0 D)	
Nominal A-constant	118.9	
Haptic Design	Posterior vaulting 4 closed loops with 0° angulation	
PCO Prevention	360° sharp edge	
Shelf Life	3 years after sterilization	
INJECTION		
Estimated Incision Size	2.2 - 2.4 mm	
Compatible Injector	MEDJET PIL-MA SINGLE-USE INJECTOR	
CONSTANTS <i>for optical and immersion ultrasound measurements</i>		
SRK/T A-Constant	Haigis	Hoffer Q
A = 118.9	a0 = 1.243 a1 = 0.4 a2 = 0.1	pACD = 5.46
Holladay I	Barrett Universal II	Holladay II
SF = 1.67	LF = 1.83	ACD = 5.49 SF = 1.73

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PRELOADED

Q
FLEX | **PIL-MA**
HYDROPHILIC PRELOADED



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