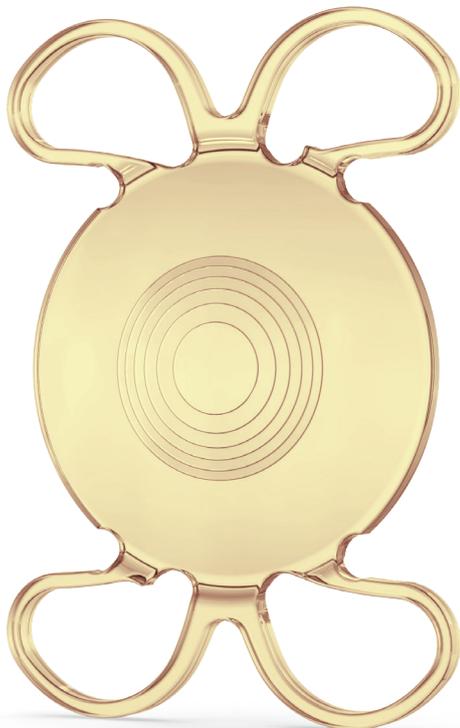




640MY

Single piece, sterile, foldable acrylic aspheric hydrophilic posterior chamber intraocular lens (IOL) with UV blocker and blue light filter. The optic is trifocal. The IOL is non-preloaded, which has to be manually loaded into a compatible injector.



 **YELLOW IOL**

POWER RANGE

Standard Powers	+8.0 D → +30.0 D (0.5 D steps)*
Addition	+3.5 D near +1.75 D intermediate

MATERIAL

Copolymer of hydrophobic and hydrophilic monomers with 25% water content, UV blocker and blue light filter	
Refractive Index	1.46
Abbe Number	58

DESIGN

Optic Diameter Overall Diameter	6 mm	11.0 mm (8.0 D → +15.0 D) 10.7 mm (+15.5 D → +35.0 D)
Optic Design	Aspheric - Aberration Neutral Biconvex (+8.0 D → +35.0 D)	
Nominal A-constant	118.9	
Diffractive Zone	3 mm diameter diffractive array on the anterior surface utilizing EPS technology	
Haptic Design	Posterior vaulting 4 closed loops with 0° angulation	
PCO Prevention	360° sharp edge	
Shelf Life	5 years after sterilization	

INJECTION

Estimated Incision Size	1.8 - 2.2 mm
Recommended Injector	Compatibility chart available: medicontur.com/professionals/compatibility

CONSTANTS
for optical and immersion ultrasound measurements

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

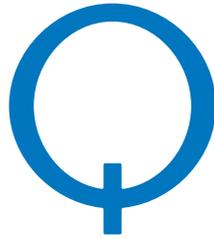
*Extreme powers available: +30.5 D → +35.0 D (0.5 D steps)

The safety and performance of Medicontur IOLs have been tested in clinical investigations and the clinical data demonstrate that these IOLs meet the requirements of the state of the art.

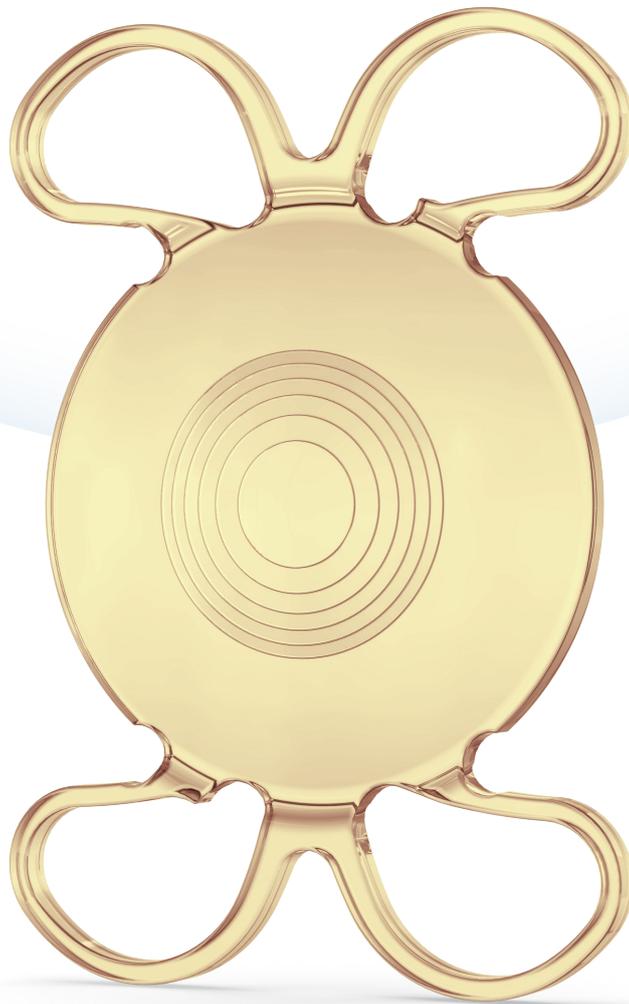


MA-IOL-QF-FLEX-MD124-DTS-EN 202402

640MY



Trifocal
FLEX



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