



677CTA | 677CTAY

Single piece, sterile, foldable acrylic aspheric hydrophilic posterior chamber intraocular lens (IOL) with UV blocker, optionally with blue light filter. The optic is monofocal toric. 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**
677CTA
-  **YELLOW IOL**
677CTAY

POWER RANGE		
Standard Powers	8.0 D → +30.0 D (0.5 D steps)	
Extreme Powers	+31.0 D → +35.0 D (1.0 D steps)	
Cylinders	1.0 D	1.5 D
	2.25 D	3.0 D
	3.75 D	4.5 D
	5.25 D	6.0 D
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	13 mm
	Aspheric - Aberration Neutral Biconvex (8.0 D → +35.0 D)	
Optic Design	Aspheric - Aberration Neutral Biconvex (8.0 D → +35.0 D)	
Nominal A-constant	118.9	
Haptic Design	Posterior vaulting fenestrated C-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	Medical Accuject PRO 2.1 -1P Medical Accuject 2.1 -1P	
CONTACT ANGLE		
<i>133° contact angle with the capsular bag*</i>		
SRK/T A-Constant	Haigis	Hoffer Q
A = 118.828* (optimized)	a0 = 0.190* a1 = 0.192* a2 = 0.173*	pACD = 5.431*
Holladay I	LF = 1.79	Holladay II
SF = 1.682*	LF = 1.79	ACD = 5.45 SF = 1.69

*Optimized constants based on more than 400 patients

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.



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PRELOADED

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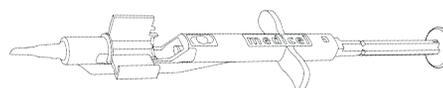
Accuject PRO



MONOFOCAL

TORIC

PRELOADED



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