B! | FLEX HL

677AD | 677ADY

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 non-preloaded, which has to be manually loaded into a compatible injector.

CLEAR IOL
677AD

YELLOW IOL
677ADY

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	-10.0 D → -1.0 D (1.0 D steps) +31.0 D → +45.0 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	13 mm
Optic Design	Aspheric - Aberration Neutral Convex-concave (-10.0 D → -1.0 D) Biconvex (0.0 D → +45.0 D)	
Nominal A-constant	118.9	
Haptic Design	Posterior vaulting fenestrated C-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 = 118.828* (optimized)	a0 = 0.190* a1 = 0.192* a2 = 0.173*	pACD = 5.431*

Holladay I	Barrett Universal II	Holladay II
SF = 1.682*	LF = 1.79	ACD = 5.45 SF = 1.69

* Optimized constants based on more than 400 patients

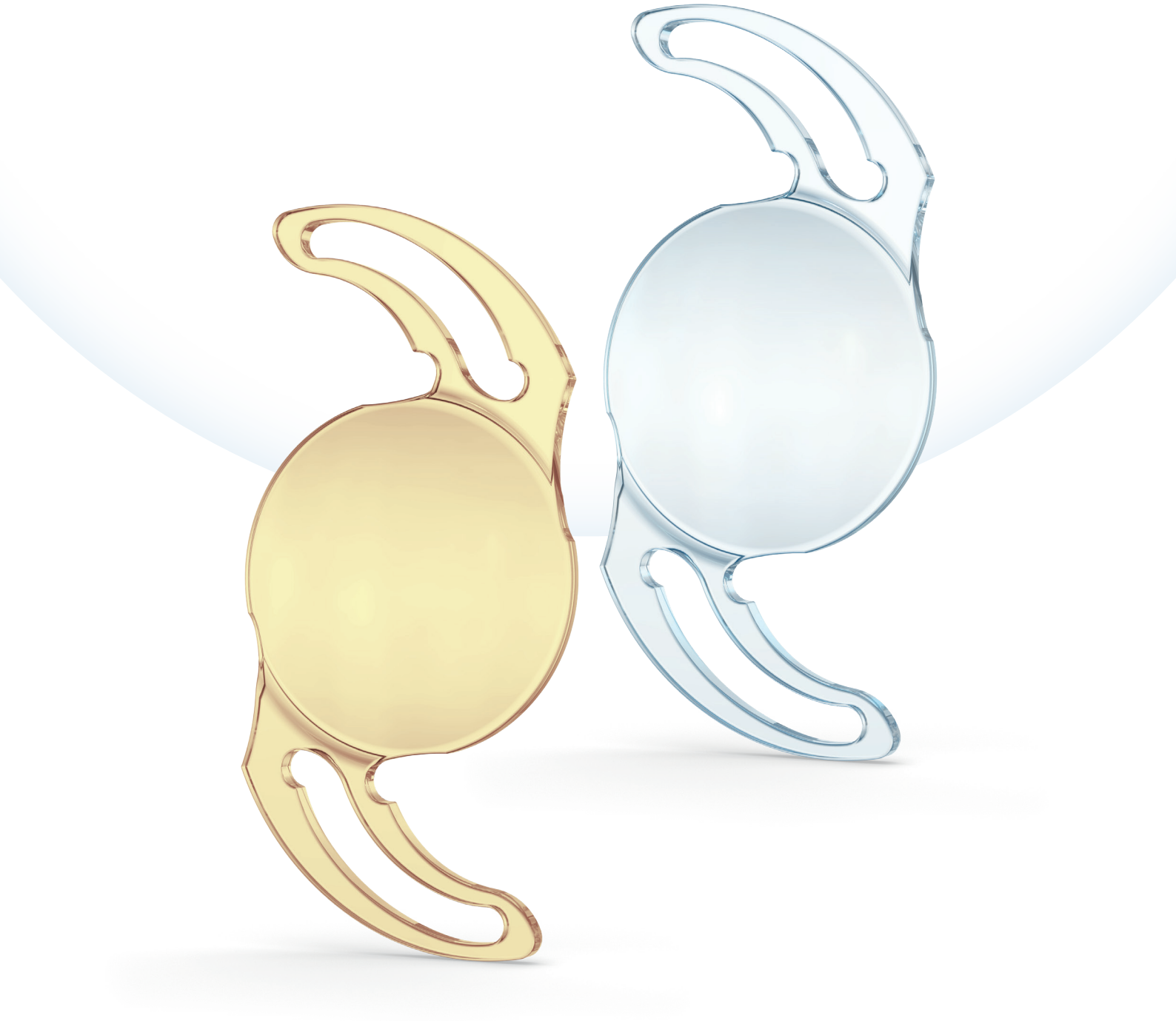
The safety and performance of Medicontur IOLs have been tested in clinical investigations and the clinical data demonstrate that these IOLs meet the requirements of the state of the art.

MEDICONTUR

MA-IOL-BFLEX-MD100-DTS-EN 202402

677AD | 677ADY

3! | FLEX HL



MONOFOCAL

MEDICONTUR

Medicontur
Medical Engineering Ltd
export@medicontur.com
www.medicontur.com

Head Office
Herceghalmi út 1.
2072 Zsámbék
Hungary

International Office
Chemin du Champ-des-Filles 36
1228 Plan-les-Ouates
Switzerland / Geneva