

# **877PEY**

Single piece, sterile, foldable aspheric hydrophobic acrylic intraocular lens (IOL) with UV blocker and blue light filter. The optic is EDOF. The IOL is available as part of a preloaded injector system.



### 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)

### MATERIAL

Hydrophobic acrylic with UV blocker and blue light filter

Refractive Index

1.47

Abbe Number

58

#### DESIGN

Optic Diameter Overall Diameter

6 mm

13 mm

Optic Design

Aspheric - Aberration Neutral Biconvex (+8.0 D → +30.0 D)

Nominal A-constant

118.9

**EDOF** Zone

Refraction-based central Wavefront Linking zones

Haptic Design

Posterior vaulting fenestrated C-loops with 0° angulation

PCO Prevention

360° sharp edge

Shelf Life

2.5 years after sterilization

## INJECTION

Estimated Incision Size

2.2 mm

Compatible Injector

POB-MA SINGLE-USE PRELOADED INJECTOR

# CONSTANTS

for optical and immersion ultrasound measurements

SRK/T A-Constant	Haigis
A = 118.9	a0 = 1.32 a1 = 0.4 a2 = 0.1

Hoffer Q

pACD = 5.46

Holladay I

Barrett Universal II

Holladay II

SF = 1.7

LF = 1.83

ACD = 5.49 SF = 1.73

<sup>\*</sup>measured in a 10 mm standard capsular bag simulator



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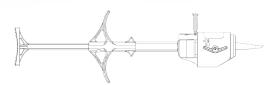
# **PRELOADED**













## 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