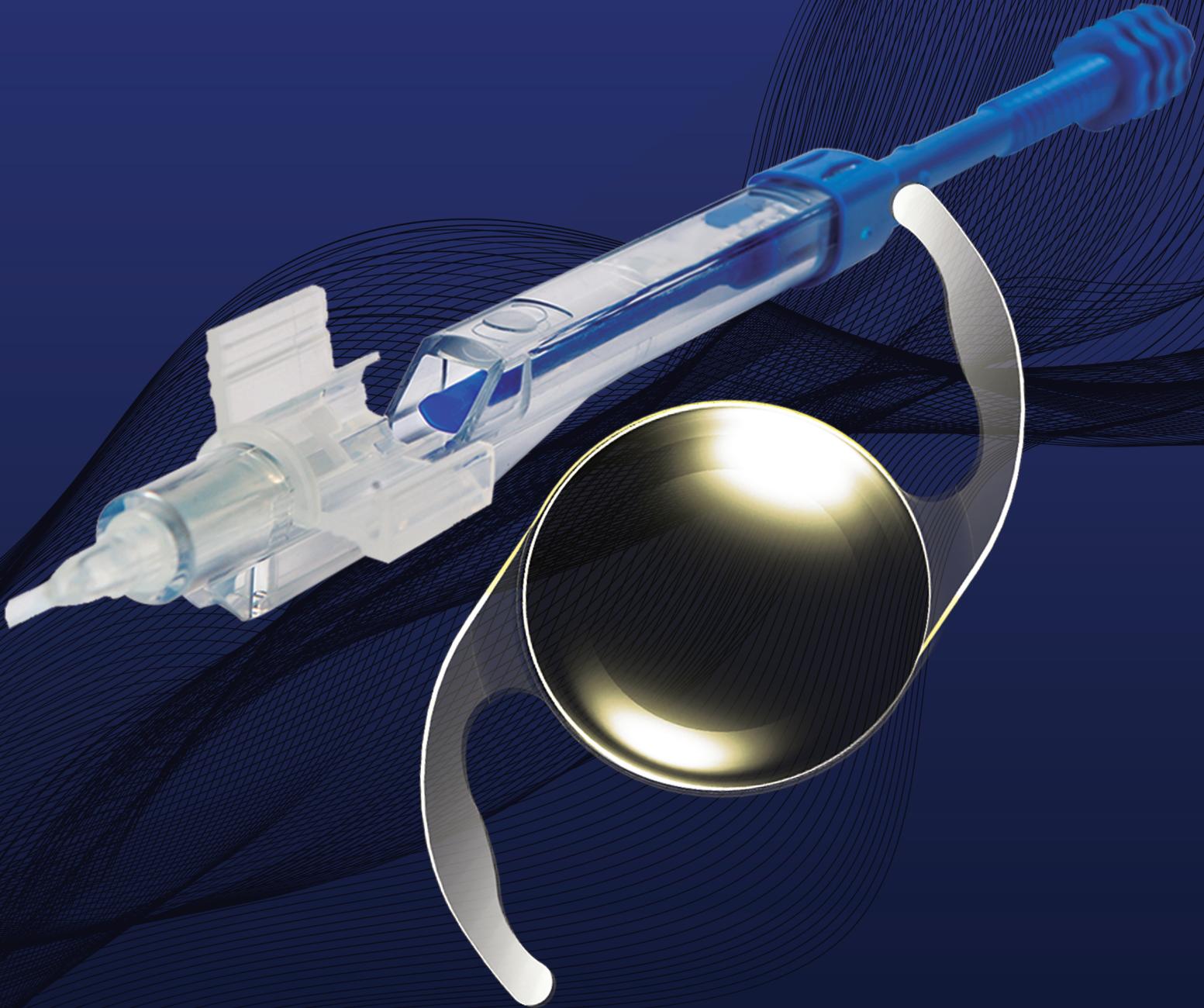




EASYFLEX

PRELOADED HYDROPHOBIC ASPHERIC IOL

INCREASE YOUR SURGICAL
SAFETY AND EFFICIENCY

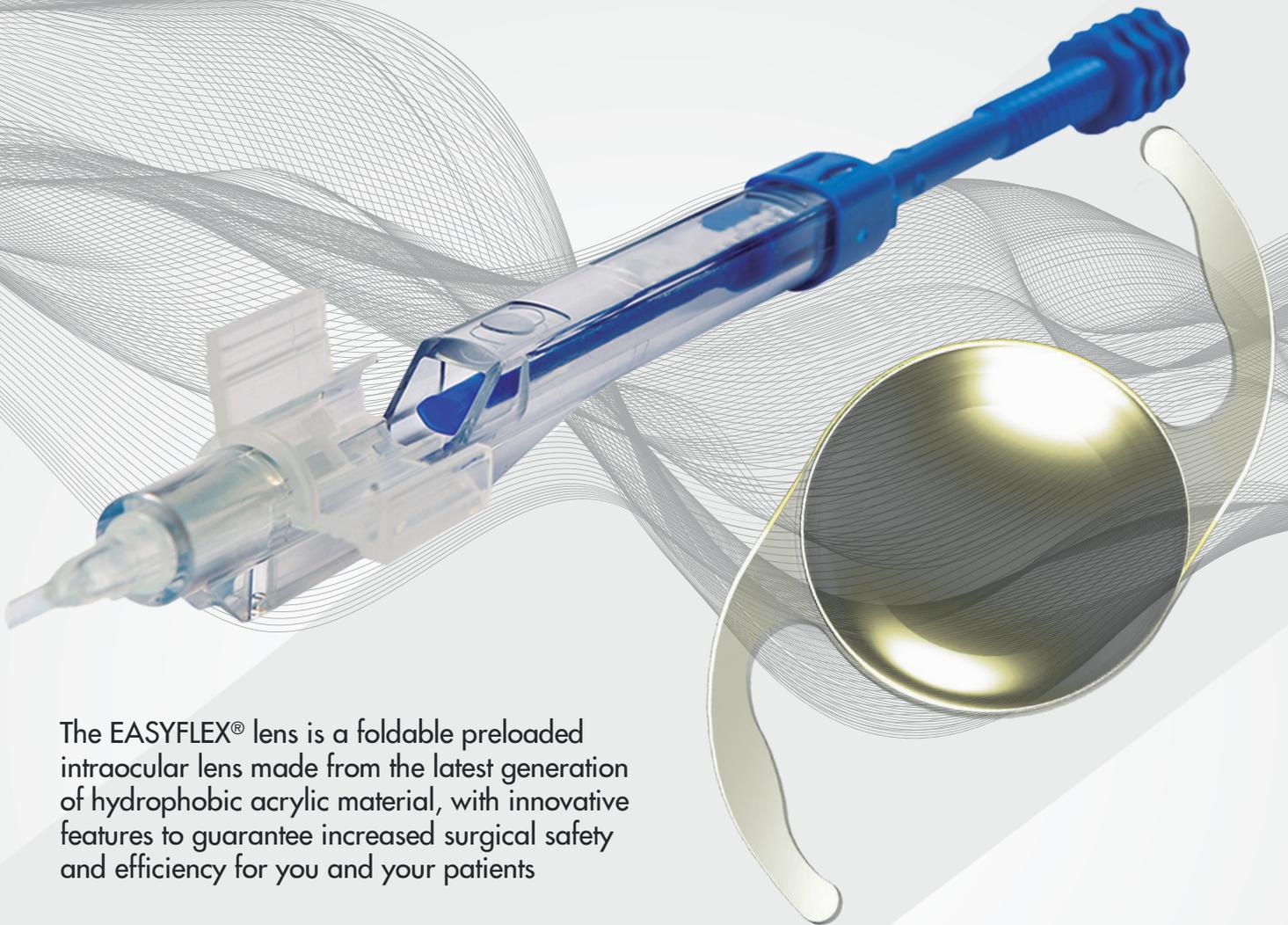


MEDIPHACOS
VISION IN EVOLUTION



EASYFLEX

PRELOADED HYDROPHOBIC ASPHERIC IOL



The EASYFLEX® lens is a foldable preloaded intraocular lens made from the latest generation of hydrophobic acrylic material, with innovative features to guarantee increased surgical safety and efficiency for you and your patients

SAFETY AND EFFICIENCY

The EASYFLEX® lens is presented in a fully preloaded system with quick and easy instructions and a minimal learning curve. It saves 3.4 minutes of surgical time with short assembly and injection time, avoiding IOL handling and eliminating cross contamination and lens damage. (7-8)

ONE PIECE HYDROPHOBIC ACRYLIC

The EASYFLEX® one piece hydrophobic acrylic has a high pseudo plasticity and improved mechanical behaviour. The injection system allows for micro-incisions ≥ 2.2 mm with quick and smooth lens unfolding.

The high ABBE number (41 at 35°C) reduces chromatic aberration and improves the overall optical quality with anti-glistening properties ensuring a crisp optic performance.

360° SQUARE EDGE

EASYFLEX® lens has a square edge throughout the posterior side, creating true 360° adherence of the capsular bag to the IOL, preventing cell proliferation, even in the loop junction.

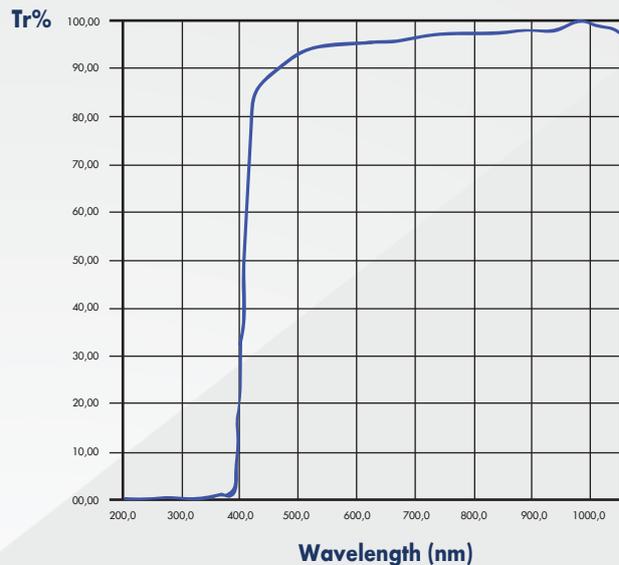
Compression of the loops generates a posterior displacement of the optical portion, providing full contact between the IOL and the posterior capsule, eliminating potential empty spaces improving the blocking action of the 360° SQUARE EDGE. The 360° square edge reduces PCO formation.

NATURAL YELLOW FILTER

EXCLUSIVE FILTER TO ATTENUATE HIGH FREQUENCY BLUE LIGHT AND UV BLOCKER

The new and exclusive NATURAL YELLOW filter was synthesized and incorporated into the IOL material to filter the high frequency blue light, potentially hazardous to the retina, allowing only the passage of the healthy blue spectrum, protecting the retina and enhancing contrast sensitivity.

Since it has softer colour, the NATURAL YELLOW filter does not interfere in the patient's circadian cycle, unlike other lenses in the market that have the yellow chromophore. (1 - 6)



INNOVATIVE DESIGN

EASYFLEX® innovative design has aberration free aspheric optics for extended depth of focus, superior optical performance and tolerance to tilt and decentration.

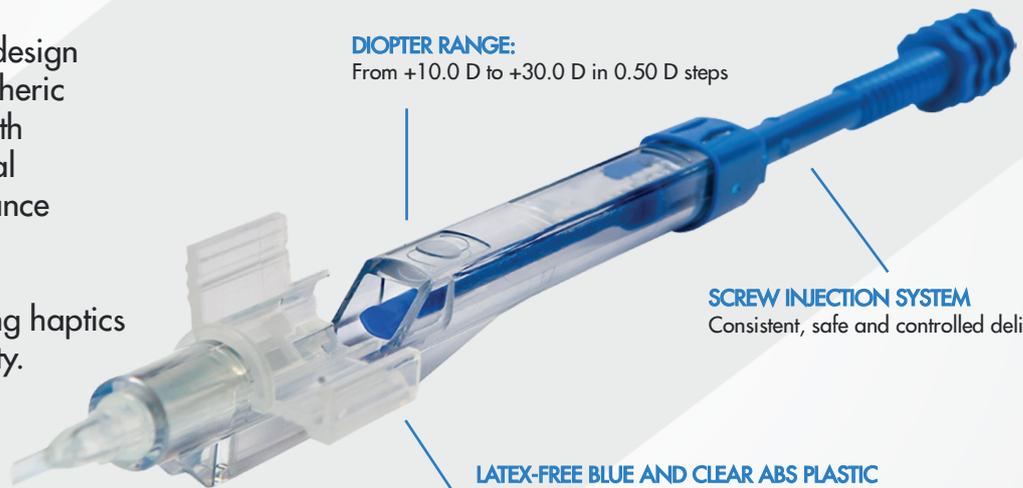
The 13 mm self-centering haptics ensure long term stability.

DIOPTR RANGE:
From +10.0 D to +30.0 D in 0.50 D steps

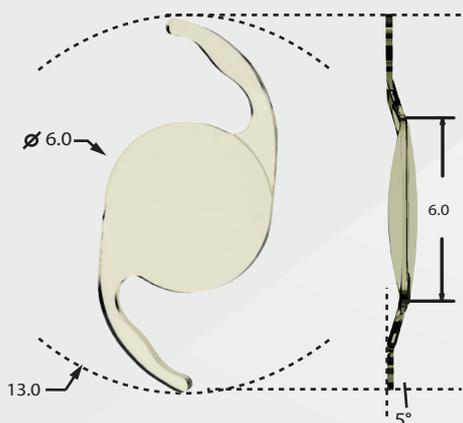
SCREW INJECTION SYSTEM
Consistent, safe and controlled delivery

BEVEL TIP
≥ 2.2 mm micro-incision

LATEX-FREE BLUE AND CLEAR ABS PLASTIC
Visible IOL and OVD



LENS SPECIFICATIONS



Material	Hydrophobic acrylic
Spherical power	from +10.0 D to +30.0 D in increments of 0.50D
Filters	UV / High frequency blue light (natural yellow)
Optics	Aspheric Biconvex neutral aberration
Refraction Index	1.524
Optical diameter	6.0 mm
Total diameter	13.0 mm
Edge	Square@360°, posterior
Haptic Design	C
Haptic Angulation	5°
Incision size:	≥2.2 mm

CONSTANTS

A - Manufacturer	119
A (SRK II)	119,60
A (SRK/T)	119,16
pACD	5,62
sf	1,84
a0	1,415
a1	0,40
a2	0,10

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