



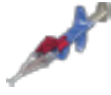
**MEDICENTUR**

**PRODUCT CATALOGUE**



# TABLE OF CONTENTS

## PRELOADED IOLS

	<b>Bi-Flex POB-MA hydrophobic preloaded</b> ..... 1 877PA / PAY
	<b>Bi-Flex PIL-MA hydrophilic preloaded</b> ..... 2 677P / PY · 677PT / PTY · 677PMY · 677PMTY
	<b>Q-Flex PIL-MA hydrophilic preloaded</b> ..... 3 640P / PY · 640PMY

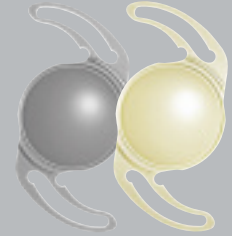
## NON-PRELOADED IOLS

	<b>Bi-Flex HB</b> ..... 4 877FAB / FABY
	<b>Bi-Flex HL</b> ..... 5 677AB / ABY
	<b>Bi-Flex T</b> ..... 6 677TA / TB · 677TAY / TBY
	<b>Bi-Flex M</b> ..... 7 677MY
	<b>Bi-Flex MT</b> ..... 8 677MTY
	<b>Q-Flex HL</b> ..... 9 640AB / ABY
	<b>Q-Flex M</b> ..... 10 640MY
	<b>Scharioth Macula Lens</b> ..... 11 A45SML / SMY
	<b>PMMA IOLs</b> ..... 12 601MP · 653MP · 700MP · 91A

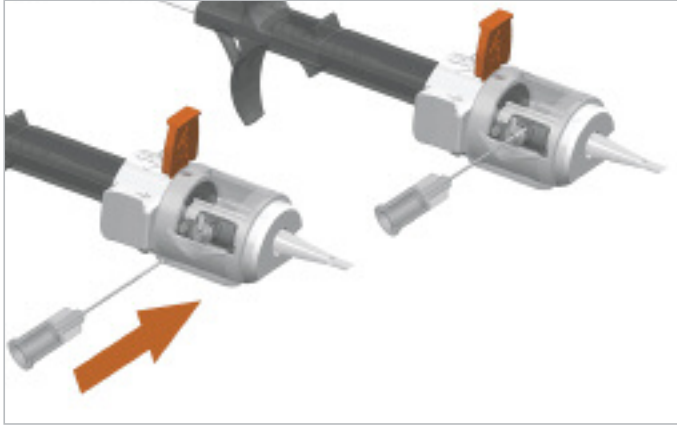
## OTHER DEVICES

	<b>Capsular Tension Ring</b> ..... 13 10SR · 11SR · 12SR · JETRING 11ACB · 12ACB
	<b>Biovis</b> ..... 14 1.6% · 1.8% · 3.0%
	<b>Visco MC</b> ..... 15

<b>CONSTANTS FOR MEDICONTUR IOLS</b> ..... 16
---



**1<sup>st</sup> STEP** Fill visco in the hole until the optic of the lens is covered (preferably HPMC)



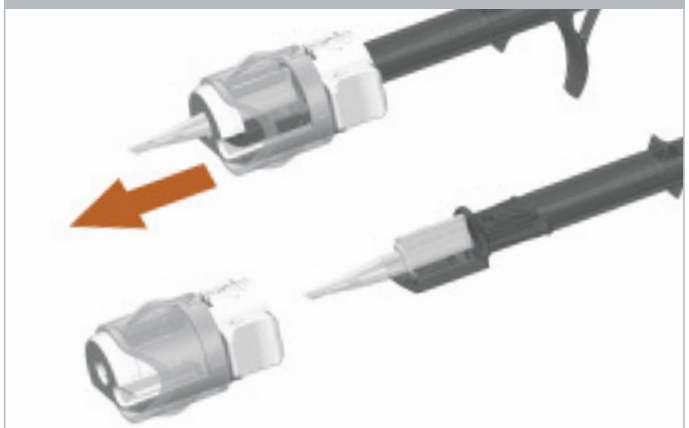
**2<sup>nd</sup> STEP** Rotate the transparent ring to close the cartridge



**3<sup>rd</sup> STEP** Pull out the red stopper



**4<sup>th</sup> STEP** Remove the ring-adaptor from the injector



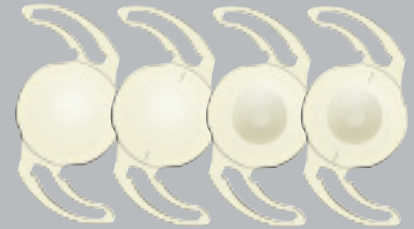
**INJECTION** Push the plunger slowly to the end position



<b>Type</b>	Single-piece Aspheric Hydrophobic Acrylic IOL
<b>Material</b>	Hydrophobic Acrylic with UV absorber / + optional blue light filter
<b>Diameters</b>	6.0 mm (optic) / 13.0 mm (overall)
<b>Angulation</b>	0° – posterior vaulting
<b>Power range</b>	-10.0D → +9.0D · (increment: 1.0 D) +10.0D → +30.0D · (increment: 0.5 D) +31.0D → +35.0D · (increment: 1.0 D)
<b>A-Constant</b>	118.9 (SRK/T)

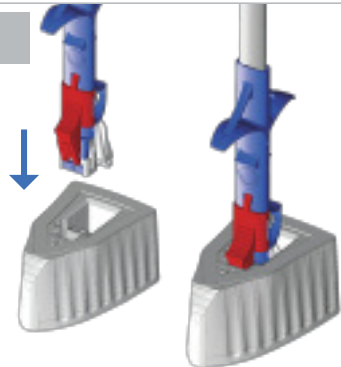
\* Patent pending

EA – IMCPOBMAENG 04 201608



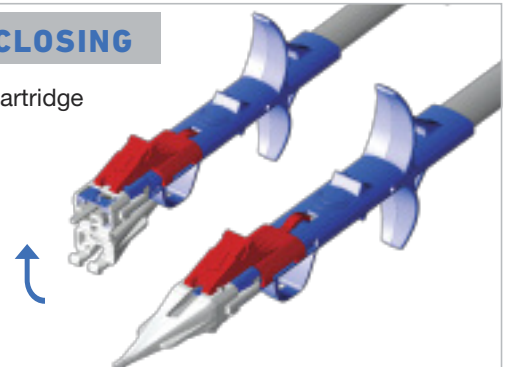
**1<sup>st</sup> CLICK LOADING**

Insert the injector to the wet container



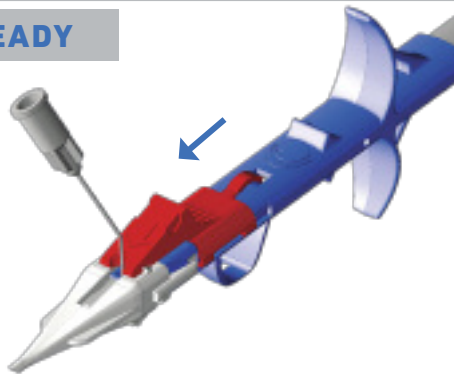
**2<sup>nd</sup> CLICK CLOSING**

Fold up the cartridge nozzle



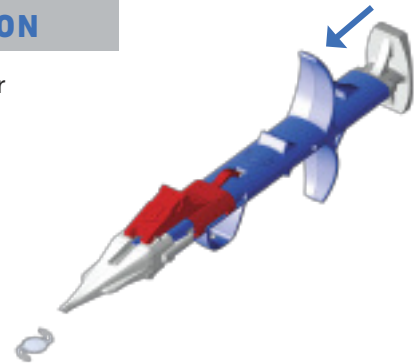
**3<sup>rd</sup> CLICK READY**

Push the red stopper forward to the end position and fill visco



**INJECTION**

Push the plunger slowly to the end position



**Lens types** Single-piece aspheric IOLs, clear and yellow

- Monofocal
- Toric
- Diffractive Progressive
- Toric Diffractive Progressive (Patent pending)

**Diameters** 6.0 mm (optic)  
13.0 mm (overall)

**Angulation** 0° – asymmetrical design

**Material** Copolymer of hydrophobic and hydrophilic monomers, 25% water content with UV absorber / + blue light filter (390–470 nm)

**PCO protection** 360° Special Square Edge

**A-Constant** 118.9 (SRK/T)



**677P/677PY**

**Powers available** -10.0 D → -1.0 D · (increment: 1.0 D)  
0.0 D → +30.0 D · (increment: 0.5 D)  
+31.0 D → +35.0 D · (increment: 1.0 D)



**677PT/677PTY**

**Powers available** -10.0 D → -1.0 D · (increment: 1.0 D)  
0.0 D → +30.0 D · (increment: 0.5 D)  
+31.0 D → +35.0 D · (increment: 1.0 D)

**Cylinders available** 1.00 D, 1.50 D, 2.25 D, 3.00 D, 3.75 D, 4.50 D



**677PMY**

**Powers available** 0.0 D → +35.0 D · (increment: 0.5 D)

**Addition** +3.5 D

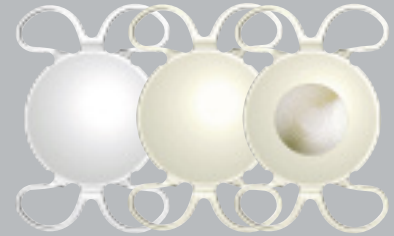


**677PMTY**

**Powers available** +5.0 D → +30.0 D · (increment: 0.5 D)

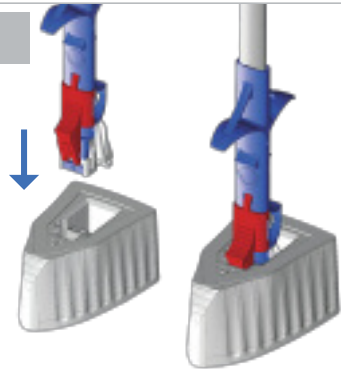
**Cylinders available** 1.00 D, 1.50 D, 2.00 D, 2.50 D, 3.00 D, 3.50 D, 4.00 D, 4.50 D

**Addition** +3.5 D



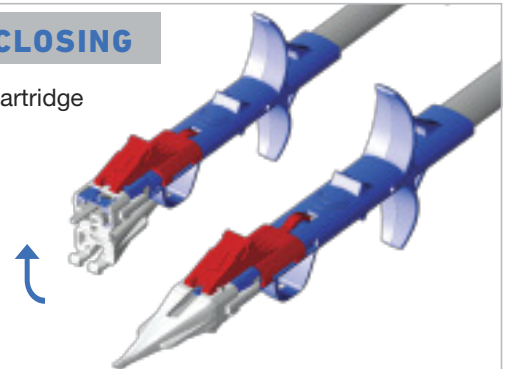
**1<sup>st</sup> CLICK LOADING**

Insert the injector to the wet container



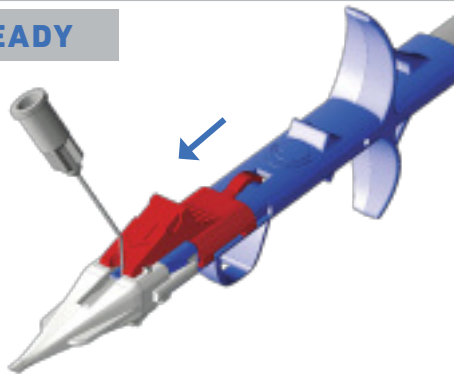
**2<sup>nd</sup> CLICK CLOSING**

Fold up the cartridge nozzle



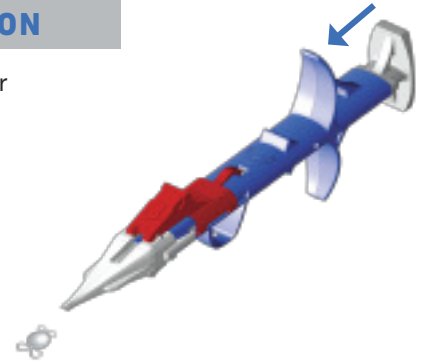
**3<sup>rd</sup> CLICK READY**

Push the red stopper forward to the end position and fill visco



**INJECTION**

Push the plunger slowly to the end position



**Lens types** Single-piece aspheric IOLs, clear and yellow  
 • monofocal  
 • diffractive progressive  
 (Patent pending)

**Optic diameter** 6.0 mm

**Overall diameters**  
 0.0 D → +15.0 D · 11.0 mm  
 +15.5 D → +22.0 D · 10.7 mm  
 +22.5 D → +35.0 D · 10.5 mm

**Angulation** 0° – 4 closed loops

**Material** Copolymer of hydrophilic and hydrophobic monomers

**PCO protection** 360° Special Square Edge

**A-Constant** 118.9 (SRK/T)



**640P/640PY**

25% water content with UV absorber / + blue light filter (390–470 nm)

**Powers available**

0.0 D → +30.0 D · (0.5 D steps)  
 31.0 D → +35.0 D · (1.0 D steps)



**640PMY** 25% water content with UV absorber / + blue light filter (390–470 nm)

**Powers available**

0.0 D → +35.0 D · (0.5 D steps)

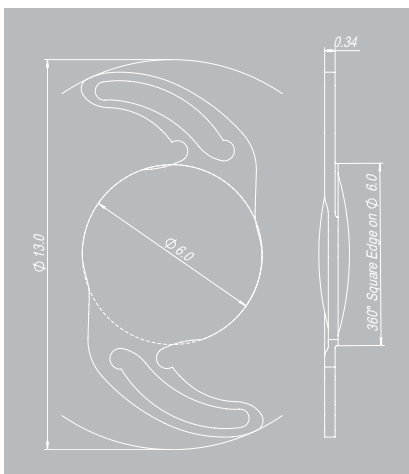
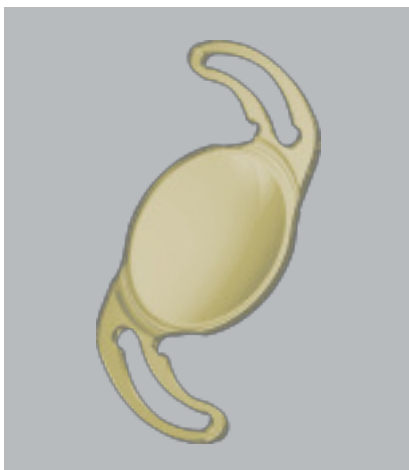
**Addition** 3.0 D; +3.5 D





FLEXIB

877FAB · 877FABY  
Hydrophobic IOL



Technical specification	
Type	Single-piece Aspheric Hydrophobic Intraocular Lens
	for implantation into the capsular bag
Optic	Refractive – Aspheric
PCO protection	360° Special Square Edge (patented)
Powers available*	0.0 D → +9.0 D · (increment: 1.0 D)
	+10.0 D → +30.0 D · (increment: 0.5 D)
	+31.0 D → +35.0 D · (increment: 1.0 D)
A-constant**	118.9 (SRK/T)
Sterilization	Ethylene-oxide
Material	
• 877FAB	Hydrophobic Acrylic with UV absorber
• 877FABY	+ blue light filter
Refractive index	1.47
ABBE number	58
Geometry	
Optic design	Biconvex
Overall length	13.0 mm
Optic diameter	6.0 mm
Haptic thickness	0.34 mm
Haptic angulation	0° – asymmetrical design with posterior vaulting
Storage	
Temperature	+15 – +35°C
Humidity	15% – 50%
Shelf life	5 years (from sterilization)

\* Other powers upon request

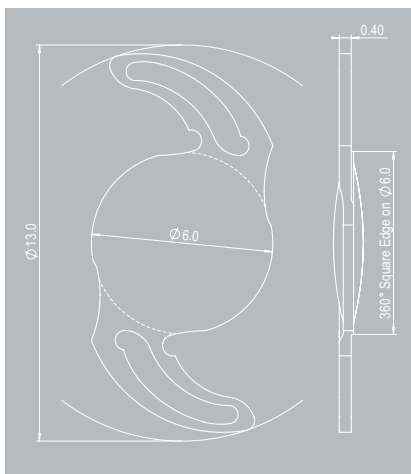
\*\* It is recommended that surgeons personalize the constants they use. Please find more information about IOL constants on ULIB. (<http://www.ocusoft.de/ulib/c1.htm>)

EA-IMCBHEN 03 201606



FLEX HL

677AB · 677ABY  
Hydrophilic IOL



**Technical specification**

Type	Single-piece Aspheric Hydrophilic Intraocular Lens
	for implantation into the capsular bag
Optic	Refractive – Aspheric
PCO protection	360° Special Square Edge (patented)
Powers available*	-10.0 D → +9.0 D · (increment: 1.0 D)
	+10.0 D → +30.0 D · (increment: 0.5 D)
	+31.0 D → +45.0 D · (increment: 1.0 D)

A-Constant\*\* 118.1 (SRK/T)

Sterilization Steam

**Material**

• 677AB	Copolymer of Hydrophilic and Hydrophobic Acrylic, 25% water content with UV absorber
• 677ABY	+ blue light filter

Refractive index 1.46

ABBE Nr. 58

**Geometry**

Optic design Convex - concave (-10.0 D → -1.0 D)

Biconvex (0.0 D → +45.0 D)

Overall length 13.0 mm

Optic diameter 6.0 mm

Haptic thickness 0.4 mm

Haptic angulation 0° – asymmetrical design with posterior vaulting

**Storage**

Temperature +15 – +35°C

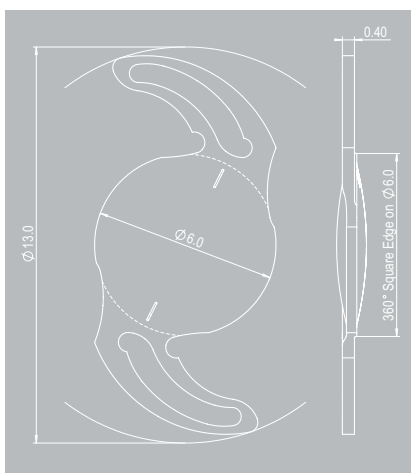
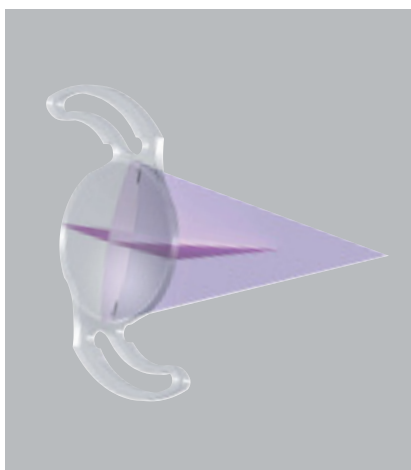
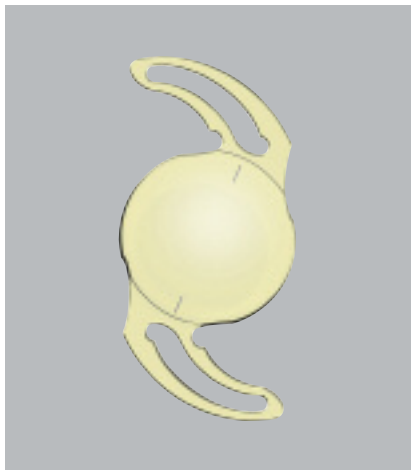
Humidity 15% – 50%

Shelf life 5 years (from sterilization)

\* Other powers upon request

\*\* It is recommended that surgeons personalize the constants they use. Please find more information about IOL constants on ULIB. (<http://www.ocusoft.de/ulib/c1.htm>)

EA-IMCBHLEN 06 201607



## Technical specification

<b>Type</b>	Single-piece Aspheric Hydrophilic Toric
	Intraocular Lens for implantation into the capsular bag
<b>Optic</b>	
• 677TA / TAY	Toric – Aspheric
• 677TB / TBY	Bitoric – Aspheric
<b>PCO protection</b>	360° Special Square Edge (patented)
<b>Powers available *</b>	-10.0 D → -1.0 D · (increment: 1.0 D)
	0.0 D → +30.0 D · (increment: 0.5 D)
	+31.0 D → +35.0 D · (increment: 1.0 D)

## Cylinders available

• 677TA / TAY	+1.0; +1.5 D → +9.0 D · (increment: 0.75 D); +10.0 D
• 677TB / TBY	+11.0 D → +24.0 D · (increment: 1.0 D)

**A-constant\*\*** 118.9 (SRK/T)

**Sterilization** Steam

## Material

• 677TA / TB	Copolymer of Hydrophilic and Hydrophobic Acrylic, 25 % water content with UV absorber
• 677TAY / TBY	+ blue light filter

**Refractive index** 1.46

**ABBE number** 58

## Geometry

<b>Optic design</b>	Convex - concave (-10.0 D → +5.5 D)
	Biconvex (+6.0 D → +35.0 D)
<b>Overall length</b>	13.0 mm
<b>Optic diameter</b>	6.0 mm
<b>Haptic thickness</b>	0.4 mm
<b>Haptic angulation</b>	0° – asymmetrical design with posterior vaulting

## Storage

<b>Temperature</b>	+15 – +35°C
<b>Humidity</b>	15% – 50%
<b>Shelf life</b>	5 years (from sterilization)

\* Other powers upon request

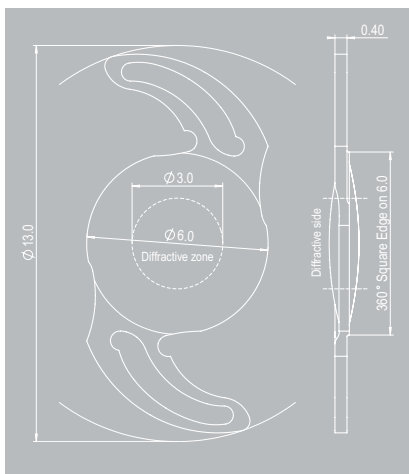
\*\* It is recommended that surgeons personalize the constants they use. Please find more information about IOL constants on ULIB. (<http://www.ocusoft.de/ulib/c1.htm>)



# B!

# FLEXM

**677MY**  
Hydrophilic Progressive  
Diffractive IOL

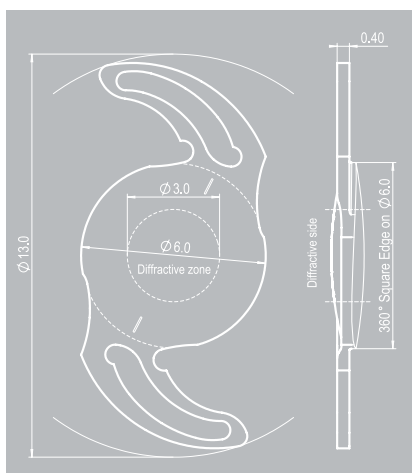


Technical specification	
Type	Single-piece Aspheric Hydrophilic Progressive Diffractive Intraocular Lens for implantation into the capsular bag
Optic	Diffractive – Aspheric
PCO protection	360° Special Square Edge (patented)
Powers available*	0.0 D → +35.0 D · (increment: 0.5 D)
Addition	+3.5 D
A-constant**	118.9 (SRK/T)
Sterilization	Steam
Material	
677MY	Copolymer of Hydrophilic and Hydrophobic Acrylic, 25% water content with UV absorber + blue light filter
Refractive index	1.46
ABBE number	58
Geometry	
Optic design	Biconvex
Diffractive zone	Anterior surface (diameter 3.0 mm)
Overall length	13.0 mm
Optic diameter	6.0 mm
Haptic thickness	0.4 mm
Haptic angulation	0° – asymmetrical design with posterior vaulting
Storage	
Temperature	+15 – +35°C
Humidity	15% – 50%
Shelf life	5 years (from sterilization)

\* Other powers upon request

\*\* It is recommended that surgeons personalize the constants they use. Please find more information about IOL constants on ULIB. (<http://www.ocusoft.de/ulib/c1.htm>)

EA-IMCBMHLN 04 201608



## Technical specification

<b>Type</b>	Single-piece Aspheric Hydrophilic Progressive Diffractive Toric Intraocular Lens for implantation into the capsular bag
<b>Optic</b>	Progressive Diffractive / Toric – Aspheric
<b>PCO protection</b>	360° Special Square Edge (patented)
<b>Powers available*</b>	+5.0 D → +35.0 D · (increment: 0.5 D)
<b>Cylinders available</b>	+1.0 D → +4.5 D · (increment: 0.5 D) +5.25 D → +6.0 D · (increment: 0.75 D)
<b>Addition</b>	+3.5 D
<b>A-constant**</b>	118.9 (SRK/T)
<b>Sterilization</b>	Steam
<b>Material</b>	
<b>677MTY</b>	Copolymer of Hydrophilic and Hydrophobic Acrylic, 25% water content with UV absorber + blue light filter
<b>Refractive index</b>	1.46
<b>ABBE number</b>	58
<b>Geometry</b>	
<b>Optic design</b>	Biconvex
<b>Diffractive zone</b>	Anterior surface (diameter 3.0 mm)
<b>Overall length</b>	13.0 mm
<b>Optic diameter</b>	6.0 mm
<b>Haptic thickness</b>	0.4 mm
<b>Haptic angulation</b>	0° – asymmetrical design with posterior vaulting
<b>Storage</b>	
<b>Temperature</b>	+15 – +35°C
<b>Humidity</b>	15% – 50%
<b>Shelf life</b>	5 years (from sterilization)

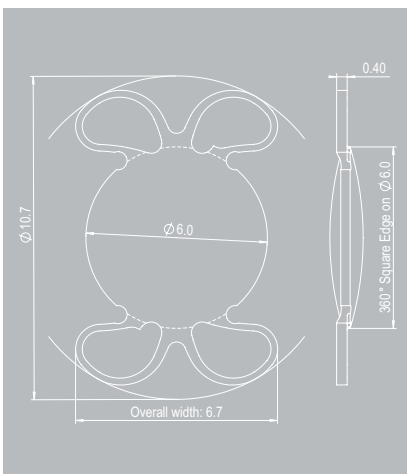
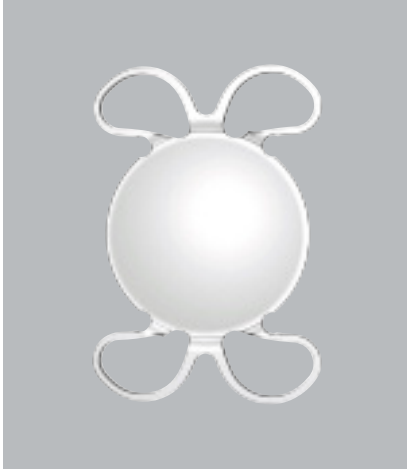
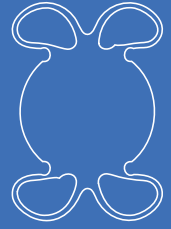
\* Other powers upon request

\*\* It is recommended that surgeons personalize the constants they use. Please find more information about IOL constants on ULIB. (<http://www.ocusoft.de/ulib/c1.htm>)



# FLEX

640AB · 640ABY  
Hydrophilic IOL



Technical specification	
Type	Single-piece Aspheric Hydrophilic IOL for implantation into the capsular bag
Optic	Refractive – Aspheric
PCO protection	360° Special Square Edge
Powers available*	0.0 D → +9.0 D · (increment: 1.0 D) +10.0 D → +30.0 D · (increment: 0.5 D) +31.0 D → +35.0 D · (increment: 1.0 D)
A-constant**	118.1 (SRK/T)
Sterilization	Steam
Material	
• 640AB	Copolymer of Hydrophilic and Hydrophobic Acrylic, 25% water content with UV absorber
• 640ABY	+ blue light filter
Refractive index	1.46
ABBE number	58
Geometry	
Optic design	Biconvex
Overall diameter	0.0 D → +15.0 D · 11.0 mm +15.5 D → +22.0 D · 10.7 mm +22.5 D → +35.0 D · 10.5 mm
Optic diameter	6.0 mm
Haptic thickness	0.4 mm
Haptic angulation	0° – 4 closed loops with posterior vaulting
Storage	
Temperature	+15 – +35 °C
Humidity	15 – 50%
Shelf life	5 years (from sterilization)

\* Other powers upon request

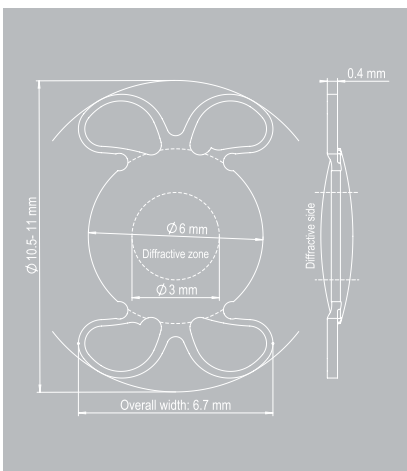
\*\* It is recommended that surgeons personalize the constants they use. Please find more information about IOL constants on ULIB. (<http://www.ocusoft.de/ulib/c1.htm>)



FLEXM

640MY

Hydrophilic Progressive  
Diffractive IOL



#### Technical specifications

Type	Single-piece progressive diffractive intraocular lens for capsular bag implantation
Optic	Diffractive – Aspheric
PCO protection	360° Special Square Edge (patented)
Powers available*	0.0 D → +35.0 D (increment: 0.5 D)
Addition	+3.0 D; +3.5 D
Estimated A-Constant**	118.9 (SRK/T)
Sterilization	Steam

#### Material

640MY	Copolymer of Hydrophilic and Hydrophobic Acrylic, 25% water content with UV absorber and blue light filter
Refractive index	1.46
ABBE Number	58

#### Geometry

Optic design	Biconvex
Overall length	0.0 D → +15.0 D · 11.0 mm +15.5 D → +22.0 D · 10.7 mm +22.5 D → +35.0 D · 10.5 mm
Optic diameter	6.0 mm
Haptic thickness	0.4 mm
Haptic angulation	0° – 4 closed loops with posterior vaulting

#### Storage

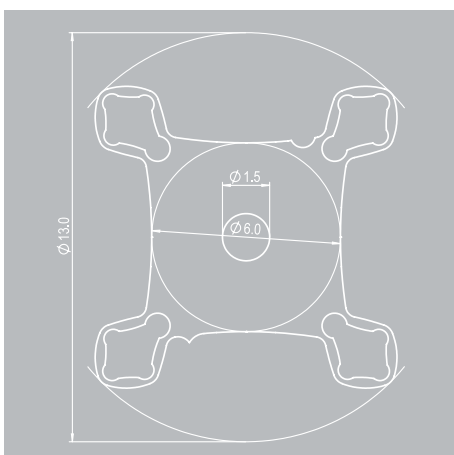
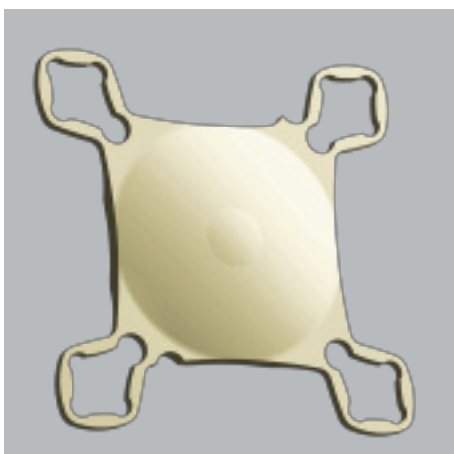
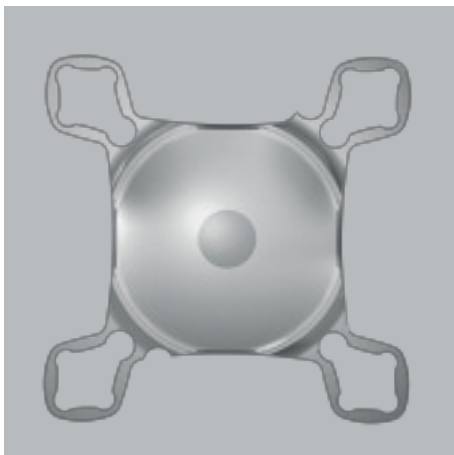
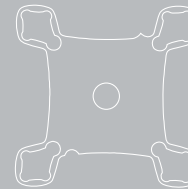
Temperature	+15 °C – +35 °C
Humidity	15% – 50%
Shelf life	5 years (from sterilization)

\* Other powers upon request

\*\* It is recommended that surgeons personalize the constants they use. Please find more information about IOL constants on ULIB. (<http://www.ocusoft.de/ulib/c1.htm>)

# SML

## THE MAGNIFIER IN THE EYE



### Technical specification

**Type** Single-piece foldable Intraocular Lens for implantation

into the ciliary sulcus in addition to a primary IOL

in the patient's pseudophakic eye

**Optic** Bifocal – Aspheric

**Available powers** -5.0 D → +5.0 D (increment: 0.5 D)

**Addition** +10.0 D

**Sterilization** Steam

### Material

• **A45SML** Copolymer of Hydrophilic Acrylic, 25% water content

with UV absorber

• **A45SMY** + blue light filter

**Refractive index** 1.46

**ABBE number** 58

### Geometry

**Overall diameter** 13.0 mm

**Optic diameter** 6.0 mm

**Haptic thickness** 0.3 mm

**Haptic angulation** 0° – 4 closed loops, straight

### Storage

**Temperature** +15 - +35 °C

**Humidity** 15 – 50%

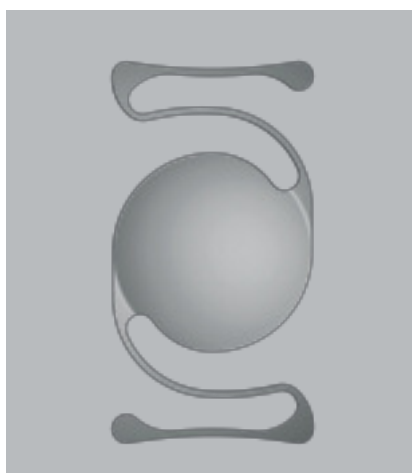
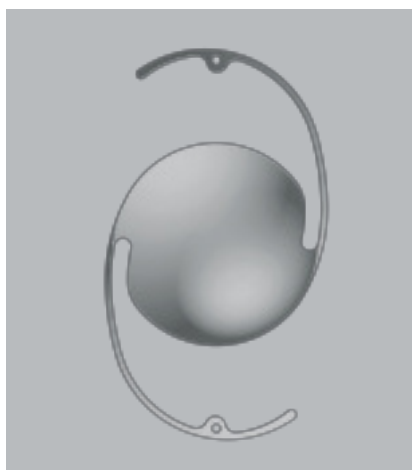
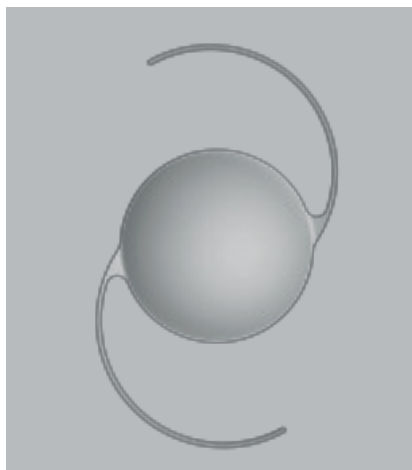
**Shelf life** 5 years (from sterilization)

\* patent pending

EA-IMCA45SMLEN 03 201802

# PMMA RANGE

Posterior Chamber IOL 601MP · 653MP · 700MP  
Anterior Chamber IOL 91A



Technical specification	
Type	Single-piece PMMA IOL
Powers available*	
• 700MP	-10.0 D → +9.0 D (increment: 1.0 D)
• 601MP · 653MP · 91A	0.0 D → +9.0 D (increment: 1.0 D)
• 601MP · 653MP · 700MP · 91A	+10.0 D → +27.0 D (increment: 0.5 D)
	+28.0 D → +34.0 D (increment: 1.0 D)
A-constant**	
• 601MP · 653MP · 700MP	117.8 (0.0 D → +9.0 D)
	118.9 (+10.0 D → +34.0 D)
• 91A	114.5 (0.0 D → +9.0 D)
	115.3 (+10.0 D → +34.0 D)
Sterilization	Ethylene Oxide
Material	
• 601MP · 653MP · 700MP · 91A	PMMA with UV absorber
Refractive index	1.49
ABBE number	58
Geometry	
Optic design	Convex – Concave; Biconvex
Overall length	
• 601MP	12.5 mm
• 653MP	13.0 mm
• 700MP	13.5 mm
• 91A	12.75 mm
Optic diameter	
• 601MP · 91A	6.0 mm
• 653MP	6.5 mm
• 700MP	7.0 mm
Haptic thickness	0.18 mm
Haptic angulation	
• 601MP	8°
• 653MP	9°
• 700MP · 91A	10°
Storage	
Temperature	+15°C – +35°C
Humidity	15% – 50%
Shelf life	5 years (from sterilization)

\* Other powers upon request

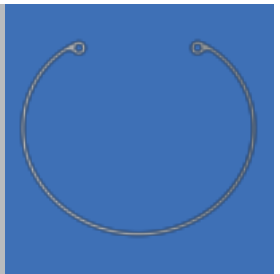
\*\* It is recommended that surgeons personalize the constants they use. Please find more information about IOL constants on ULIB. (<http://www.ocusoft.de/ulib/c1.htm>)

LA-IMCPMMAEN 05 201802



# CAPSULAR TENSION RING

10SR • 11SR • 12SR  
JETRING 11ACB • 12ACB



## 10SR • 11SR • 12SR

Technical data	
Type	Single piece capsular tension ring
Material	PMMA
Overall diameter	12.45 / 13.7 / 15.0 mm (uncompressed)
	10.0 / 11.0 / 12.0 mm (compressed)
Thickness	0.2 mm
Positioning holes	2 x 0.4 mm
Sterilization	Ethylene Oxide

## JETRING 11ACB • 12ACB

Technical data	
Type	Preloaded single piece capsular tension ring
Material	PMMA
Overall diameter	13.0 / 14.5 mm (uncompressed)
	11.0 / 12.0 mm (compressed)
Sterilization	Gamma irradiation

### USAGE OF JETRING INJECTOR



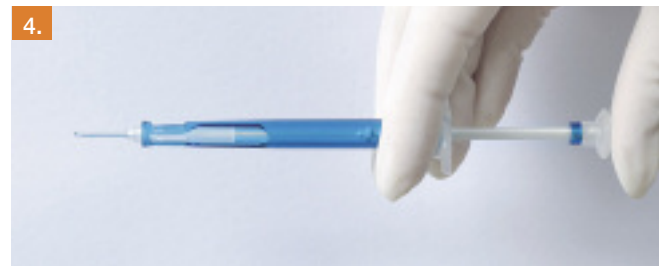
1. Gently remove the injector from the blister.



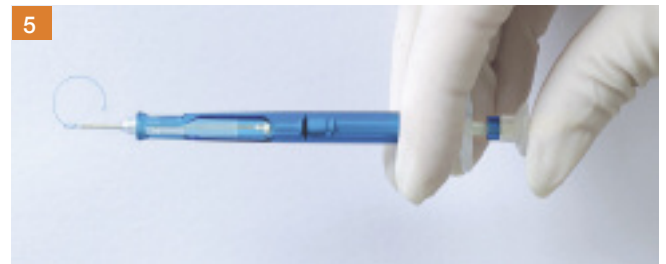
2. Carefully pull the safety clamp together with the pusher until the stop.



3. Remove the safety clamp from the pusher in a lateral direction.



4. Completely retract the preloaded CTR into the injector by further pulling the pusher until the end.



5. Insert the injector tip into the capsular bag at 6 o'clock and release the ring along the capsular equator clockwise by gently pushing the rod. Make sure the ring is sliding smoothly around. At the end the ring will be released from the hook. Retract the empty hook into the injector and remove it from the eye.

EA-IMCJREN 01 201605



# VISCOELASTIC SOLUTIONS FOR ALL KIND OF CATARACT SURGERIES

- ✓ EXCELLENT BIOCOMPATIBILITY
- ✓ PERFECT ENDOTHELIAL CELL PROTECTION
- ✓ OPTIMAL ANTERIOR CHAMBER AND CAPSULAR BAG MAINTENANCE
- ✓ EASY TO INJECT AND EASY TO REMOVE

PRODUCT	BioVis 1.6%	BioVis 1.8%	BioVis 3.0%
CONCENTRATION	16 mg/ml	18 mg/ml	30 mg/ml
STRUCTURE	Cohesive	Cohesive	Dispersive
ORIGIN	Biofermented	Biofermented	Biofermented
MOLECULAR WEIGHT	Appr. 3.0MDa	Appr. 3.0MDa	Appr. 0,75MDa
ZERO SHEAR VISCOSITY	400.000 mPas	600.000 mPas	30.000 mPas
OSMOLALITY	300 – 350 mOsm/kg	300 – 350 mOsm/kg	300 – 350 mOsm/kg
PH VALUE	6.8 – 7.6	6.8 – 7.6	6.8 – 7.6
VOLUME	1,1 ml	1,1 ml	1,1 ml
CANNULA	27G	27G	25G
STERILIZATION METHOD	Steam & ETO	Steam & ETO	Steam & ETO
STORAGE CONDITION	2–25° C	2–25° C	2–25° C



EA-IEMCBVEN 01 201606

- ☾ Low-viscous dispersive, bubble-free viscoelastic solution for intraocular use
- ☾ Superior coating and endothelial cell protection
- ☾ Sufficient space maintenance
- ☾ Good transparency
- ☾ Easy removal

CONCENTRATION	2.0% HPMC
COMPOSITION	20 mg/ml hydroxypropyl methylcellulose (HPMC), disodium hydrogen phosphate dodecahydrate, sodium dihydrogenphosphate dihydrate, sodium chloride and water for injection
STRUCTURE	Low-viscous dispersive
MOLECULAR WEIGHT	Appr. 516.000 Da
ZERO SHEAR VISCOSITY	16.000 mPas
OSMOLALITY	265-300 mOsmol/kg
PH VALUE	6.8-7.6
VOLUME	2.5 ml
CANNULA	23G (bent)
STERILIZATION METHOD	Steam
STORAGE CONDITION	2-25°C



EA-IEMCVEN 03 201608

# CONSTANTS FOR MEDICONTUR IOLs FOR OPTICAL OR IMMERSION ULTRASOUND MEASUREMENTS

## BI-FLEX IOLs

Bi-Flex - 677AB/677ABY			
Haigis	Hoffer Q	Holladay 1	SRK/T A Constant
a0 = 0.325 a1 = 0.255 a2 = 0.141	pACD = 5.01	sf = 1.25	A = 118.1

Bi-Flex T - 677TA/TB - 677TAY/TBY			
Haigis	Hoffer Q	Holladay 1	SRK/T A Constant
a0 = 1.243 a1 = 0.400 a2 = 0.100	pACD = 5.46	sf = 1.67	A = 118.9

Bi-Flex M - 677MY			
Haigis	Hoffer Q	Holladay 1	SRK/T A Constant
a0 = 1.243 a1 = 0.400 a2 = 0.100	pACD = 5.46	sf = 1.67	A = 118.9

Bi-Flex MT - 677MTY			
Haigis	Hoffer Q	Holladay 1	SRK/T A Constant
a0 = 1.243 a1 = 0.400 a2 = 0.100	pACD = 5.46	sf = 1.67	A = 118.9

Bi-Flex HB - 877FAB/877FABY			
Haigis	Hoffer Q	Holladay 1	SRK/T A Constant
a0 = 1.320 a1 = 0.400 a2 = 0.100	pACD = 5.46	sf = 1.70	A = 118.9

Bi-Flex PIL-MA - 677P/677PY			
Haigis	Hoffer Q	Holladay 1	SRK/T A Constant
a0 = 1.243 a1 = 0.400 a2 = 0.100	pACD = 5.46	sf = 1.67	A = 118.9

Bi-Flex PIL-MA - 677PT/677PTY			
Haigis	Hoffer Q	Holladay 1	SRK/T A Constant
a0 = 1.243 a1 = 0.400 a2 = 1.000	pACD = 5.46	sf = 1.67	A = 118.9

Bi-Flex PIL-MA - 677PMY			
Haigis	Hoffer Q	Holladay 1	SRK/T A Constant
a0 = 1.243 a1 = 0.400 a2 = 0.100	pACD = 5.46	sf = 1.67	A = 118.9

Bi-Flex PIL-MA - 677PMTY			
Haigis	Hoffer Q	Holladay 1	SRK/T A Constant
a0 = 1.243 a1 = 0.400 a2 = 0.100	pACD = 5.46	sf = 1.67	A = 118.9

Bi-Flex POB-MA - 877PA/877PAY			
Haigis	Hoffer Q	Holladay 1	SRK/T A Constant
a0 = 1.320 a1 = 0.400 a2 = 0.100	pACD = 5.46	sf = 1.70	A = 118.9

## Q-FLEX IOLs

Q-Flex - 640AB/640ABY			
Haigis	Hoffer Q	Holladay 1	SRK/T A Constant
a0 = 0.278 a1 = 0.427 a2 = 0.120	pACD = 5.02	sf = 1.25	A = 118.1

Q-Flex M - 640MY			
Haigis	Hoffer Q	Holladay 1	SRK/T A Constant
a0 = 1.243 a1 = 0.400 a2 = 0.100	pACD = 5.46	sf = 1.67	A = 118.9

Q-Flex PIL-MA - 640P/640PY			
Haigis	Hoffer Q	Holladay 1	SRK/T A Constant
a0 = 1.243 a1 = 0.400 a2 = 0.100	pACD = 5.46	sf = 1.67	A = 118.9

Q-Flex PIL-MA - 640PMY			
Haigis	Hoffer Q	Holladay 1	SRK/T A Constant
a0 = 1.243 a1 = 0.400 a2 = 0.100	pACD = 5.46	sf = 1.67	A = 118.9

EA-IMCAKONSTEN 01 201606

It is recommended that surgeons personalize the constants they use based on their techniques, equipment and post-operative results. IOL constants were calculated using previous experiences with SRK/T formula and relations between constants. (Source: (<http://www.ocusoft.de/uilib/c1.htm>)). For further assistance please contact our Scientific Group at [scientific@medicontur.com](mailto:scientific@medicontur.com).



**Medicontur**  
Medical Engineering Ltd  
[export@medicontur.com](mailto:export@medicontur.com)  
[www.medicontur.com](http://www.medicontur.com)

**Head Office**  
Herceghalmi Road  
2072 Zsámbék  
Hungary

**International Office**  
Chemin des Aulx 18  
1228 Plan-les-Ouates  
Switzerland / Geneva





## Vision of expertise

An independent European company, ever growing and evolving for almost 30 years.

Consistent high quality with more than 4 million intraocular implants manufactured and implanted.

The most diverse portfolio of Intraocular Lenses, both hydrophilic and hydrophobic, all premium categories, state of the art preloaded systems.

A team of more than 250 dedicated professionals constantly pushing the limits of quality.

Facilities located near Geneva (Switzerland), Lyon (France), Budapest (Hungary) and in Brno (Czech Republic).

Distribution in more than 60 countries with a growing share worldwide.

**MEDICENTUR**

**Medicentur**  
Medical Engineering Ltd  
export@medicentur.com  
www.medicentur.com

**Head Office**  
Herceghalmi Road  
2072 Zsámbék  
Hungary

**International Office**  
Chemin des Aulx 18  
1228 Plan-les-Ouates  
Switzerland