

# MICROPURE

MONOFOCAL OPTIC



**PhysIOL**

ADVANCED OPTICAL SOLUTIONS



## MICROPURE 1.2.3

Preloaded  
hydrophobic  
glistening-free IOL

### Technical specifications

Technical name	<b>MicroPure 123</b>		
Material	Hydrophobic acrylic glistening-free		
Overall diameter	10D to 24.5D: 11.00 mm 25D to 30D: 10.75 mm		
Optic diameter	10D to 24.5D: 6.00 mm 25D to 30D: 5.75 mm		
Optic	Aspheric aberration-correcting (-0.11 $\mu$ SA)		
Filtration	UV and blue light		
Refractive index	1.52		
Abbe number	42		
Angulation	2°		
Injection system	PhysIOL 1.2.3		
Incision size	≥ 2.2 mm		
Power	10D to 30D (0.5D steps)		
Square edge	360°		
Nominal manufacturer A constant	118.50		
Suggested A constant*		<b>Interferometry</b>	<b>Ultrasound</b>
	<b>Hoffer Q: pACD</b>	5.85	5.59
	<b>Holladay 1: Sf</b>	2.06	1.80
	<b>SRK II: A</b>	119.80	119.40
	<b>SRK/T: A</b>	119.40	119.05
	<b>Haigis**: a0; a1; a2</b>	1.70; 0.4; 0.1	1.214; 0.4; 0.1

\* Estimates only; surgeons are recommended to use their own values based upon their personal experience. Refer to our website for updates.

\*\* Not optimized.

# 1.2.3

## 1.2.3 PRELOADED INJECTION SYSTEM FOR 2.2-2.4 MM INCISIONS

The MicroPure 1.2.3 lens is delivered preloaded in a cartridge, which is simply clipped to the 1.2.3 single-use injector.

The 1.2.3 preloaded injection system requires no lens handling which ensures perfect control of asepsis and makes lens injection comfortable and reproducible.

### INJECTION GUIDELINES



1. Connect the injector vertically onto the preloaded cartridge until you hear the "clip".
2. Push the plunger completely down towards the safety catch and...
3. ...keep the plunger in this position for 3 seconds. This ensures the lens is securely loaded in the cartridge. Then, gently release the plunger.
4. Remove the safety catch by a twist motion.
5. Rinse the IOL with BSS by introducing the cannula of the BSS syringe into the small hole on the body of the injector, and then inject a generous amount of viscoelastic\* into the same hole.
6. Push the plunger for injection. When the first two haptics are out of the cartridge, pull the plunger back a few millimeters to release the two posterior haptics, then push again the plunger until the full implantation.

\* Take the viscoelastic solution out of the refrigerator at least one hour before use.

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