

MICROPURE

MONOFOCAL OPTIC

1.2.3

G·FREE

PhysIOL
ADVANCED OPTICAL SOLUTIONS



MICROPURE 1.2.3

Preloaded
hydrophobic
glistening-free IOL

Technical specifications

Commercial name	MicroPure 123		
Material	PhysIOL G-free® (hydrophobic acrylic glistening-free) ⁽¹⁾		
Overall diameter	OD to 24.5D: 11.00 mm 25D to 30D: 10.75 mm		
Optic diameter	OD to 24.5D: 6.00 mm 25D to 30D: 5.75 mm		
Optic	Aspheric aberration-correcting (-0.11 μ 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		
Spherical power	OD to 9D (1D steps) and 10D to 30D (0.5D steps). Cartridge with PRS® technology ⁽²⁾		
Square edge	360°		
Nominal manufacturer A constant	119.40		
Suggested A constant ⁽³⁾		Interferometry	Ultrasound
	Hoffer Q: pACD	5.85	5.59
	Holladay 1: Sf	2.06	1.80
	Barrett: LF	2.09	-
	SRK/T: A	119.40	119.05
	Haigis ⁽⁴⁾ : a0; a1; a2	1.70; 0.4; 0.1	1.214; 0.4; 0.1

(1) The PhysIOL G-free® is patented since 2010.

(2) The PRS® technology is patent pending.

(3) Estimates only: surgeons are recommended to use their own values based upon their personal experience. Refer to our website for updates.

(4) Not optimized.

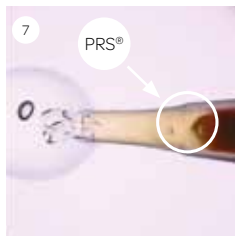
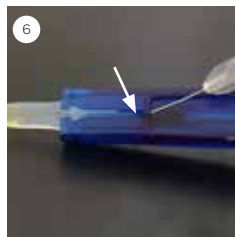
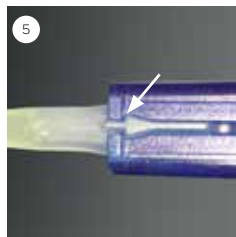
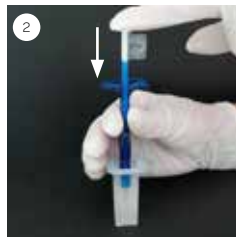
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PHYSIOL 1.2.3 PRELOADED INJECTION SYSTEM FOR 2.2-2.4 MM INCISIONS WITH PRS® TECHNOLOGY

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

The PhysiOL 1.2.3 preloaded injection system requires no lens handling which ensures perfect control of asepsis and makes lens injection comfortable and reproducible. Moreover the unique PRS® (Pressure Release System) technology offers an extremely smooth injection in combination with a significant decrease of pressure on the incision.

INJECTION GUIDELINES



Proceed immediately with the injection after the preparation phase.

1. Connect the injector vertically onto the preloaded cartridge until you hear the “clip” indicating that both elements have been firmly and adequately locked. If you do not hear the “clip”, there is a possibility that the connection of both elements could be not secured. In the event you do not hear the “clip”, first remove the assembled device from the container. Secondly, replace the assembled device vertically into the container and proceed once again to the “clipping”.
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. Remove the assembled system from the container and check that the cartridge is properly locked onto the injector. The non-return lock clip of the cartridge should be located just behind both lateral marks of the injector body, as illustrated in the attached picture.
6. 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.
7. Push the plunger for injection. When the first two haptics are out of the cartridge, release the plunger a few millimeters to free the two posterior haptics, then push again until the full implantation.

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

Distributed by



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