

MICROPURE

MONOFOCAL OPTIC



PhysIOL

ADVANCED OPTICAL SOLUTIONS



MICROPURE 1.2.3

Preloaded
hydrophobic
glistening-free IOL

Technical specifications

| | | | |
|---------------------------------|-------------------------------------------------|-----------------------|-------------------|
| Technical name | MicroPure 123 | | |
| 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 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 | | |
| Power | 10D to 30D (0.5D steps) | | |
| Square edge | 360° | | |
| Nominal manufacturer A constant | 118.50 | | |
| Suggested A constant* | | Interferometry | Ultrasound |
| | Hoffer Q: pACD | 5.85 | 5.59 |
| | Holladay 1: Sf | 2.06 | 1.80 |
| | SRK II: A | 119.80 | 119.40 |
| | SRK/T: A | 119.40 | 119.05 |
| | Haigis**: a0; a1; a2 | 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.

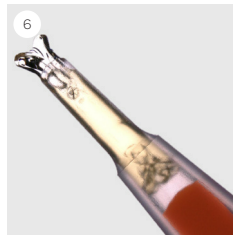
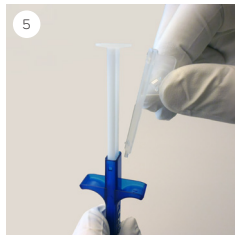
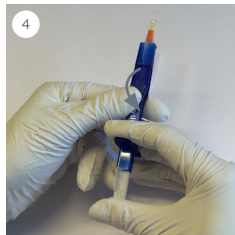
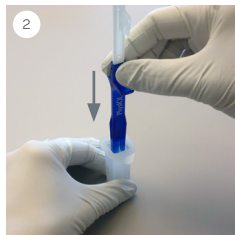
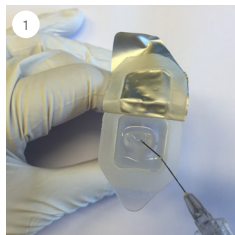
1.2.3

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

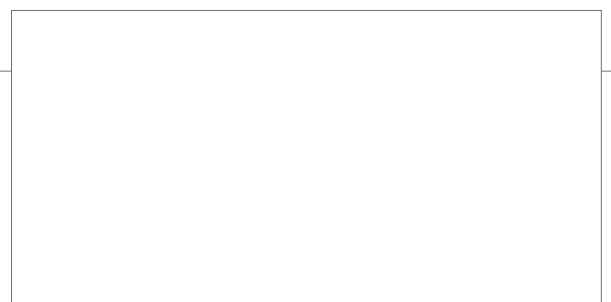


1. Inject a generous amount of viscoelastic* directly into the cartridge.
2. Connect the injector vertically onto the cartridge and keep in this position for at least 3 seconds.
3. Take the system out of the container and rinse the IOL with BSS by introducing the cannula of the BSS syringe into the small hole on the body.
4. Push the plunger completely down towards the safety catch and keep the plunger in this position for 3 seconds.
5. Release the plunger, then remove the safety catch by a twist motion.
6. 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.

Proceed immediately with the injection after the preparation phase.

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

Distributed by



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