Nanex™ multiSert+™

Model NY1-SP

PERFORM MICRO INCISION CATARACT SURGERY WITHOUT COMPROMISES

Nanex™ IOL

Proven hydrophobic acrylic IOL material: over 10 million units implanted worldwide, over 20 years[1]

Significant PCO reduction: proprietary active oxygen processing treatment[2]

multiSert+™ injector

Wound protection:[3] smallest nozzle size available for an open-loop preloaded hydrophobic IOL[4]

Outstanding delivery consistency and smoothness: predictable lens release afforded by HOYA's unique patented preloaded IOL delivery mechanism[5]

4-in-1 preloaded IOL system providing choice: push or screw injection, and *insert shield* in advanced or default position according to the surgeon's preference and individual case presented

The preloaded Nanex™ multiSert+™ system eliminates the compromises traditionally associated with sub-2.2 mm cataract surgery

References: 1. Data on file, HOYA Medical Singapore Pte. Ltd, 2018. **2.** Matsushima H, et al. Active oxygen processing for acrylic intraocular lenses to prevent posterior capsule opacification. *J Cataract Refract Surg.* 2006; 32:1035-1040; (PCO study in rabbit eye). **3.** Comparative porcine eye study: study result. David J Apple International Laboratory for Ocular Pathology, University Hospital Heidelberg. Report on file. **4.** Data on file, HOYA Medical Singapore Pte. Ltd, 2019. **5.** Data on file, HOYA Medical Singapore Pte. Ltd, 2019.

HOYA

SURGICAL OPTICS

Nanex™ multiSert+™

Perform micro incision cataract surgery without compromises

Nanex™ multiSert+™

Model Name	NY1-SP
Optic design	Aspheric design with sharp optic edge
Optic & haptic material	Hydrophobic acrylic with UV and blue light filter
Haptic design	Modified C-loop, 5° angulation
Diameter (optic/OAL)	6.0 mm/ 13.0 mm
Power	+6.00 to +30.00 D (in 0.50 D increments)
Nominal A-Constant*	119.2
Injector	multiSert+™ preloaded
Front injector tip outer diameter	1.62 mm
Incision size	As low as 1.8 mm
Optimized constants†	Haigis a0 = -0.2676 a1 = 0.2382 a2 = 0.1993 Hoffer Q pACD = 5.715 Holladay 1 SF = 1.904 SRK/T A = 119.112

* The A-Constant is presented as a starting point for the lens power calculation. When calculating the exact lens power, it is recommended that calculations be performed individually, based on the equipment used and operating surgeon's own experience.

† These optimized constants for the calculation of intraocular lens power published by IOLCon on their website: https://iolcon.org are calculated from 211 clinical results for Nanex™ multiSert+™ model NY1-SP/NC1-SP as of September 9, 2021. These constants are based on actual surgical data and are provided by IOLCon as a starting point for individual constant optimizations. The information available on the website is based on data originating from other users and not by HOYA Surgical Optics ("HSO"). HSO therefore does not warrant the correctness, completeness and currentness of the contents on the said website.
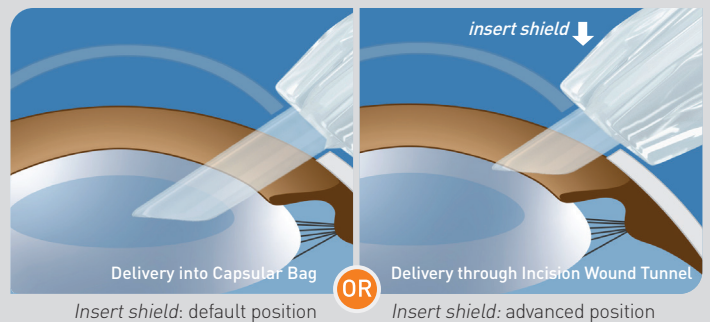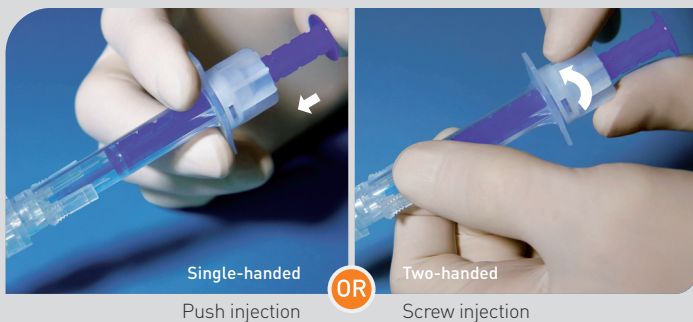
multiSert+™

- Injector tip
- insert shield
- Slider
- Rod
- Injector knob
- Plunger

Preloaded Nanex™ IOL

- 6.0 mm
- Sharp optic edge
- 13.0 mm
- Anterior
- Posterior
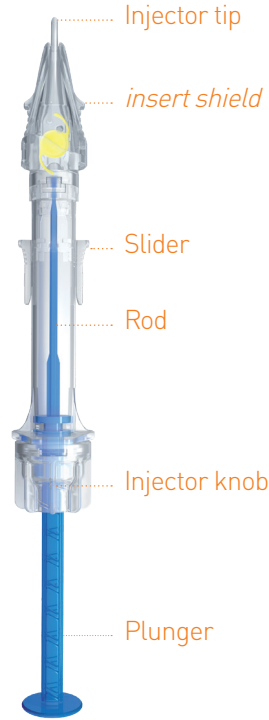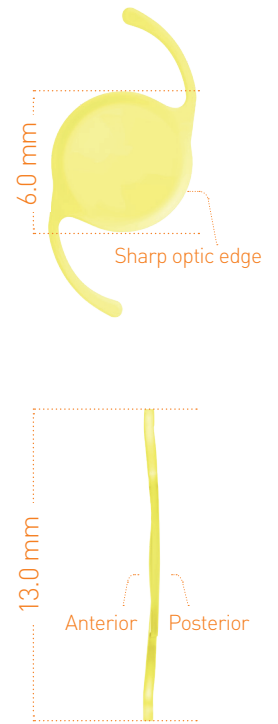
Nanex™ multiSert+™ is a 4-in-1 preloaded IOL system providing multiple choices at your fingertips

Single-handed — Push injection
OR
Two-handed — Screw injection

Delivery into Capsular Bag — *Insert shield*: default position
OR
Delivery through Incision Wound Tunnel — *Insert shield*: advanced position

insert shield

Singularly Focused. Globally Powered.™

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