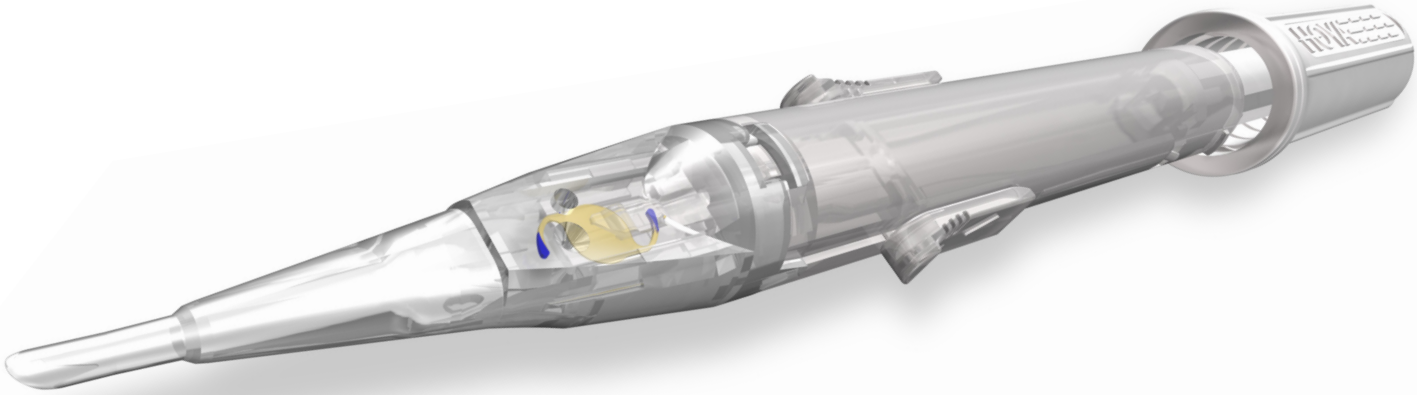
iSert® 251

Hydrophobic Acrylic IOL

Preloaded System
As low as 2.2 mm incision



Simple

The iSert® Preloaded IOL Implantation System

For efficient minimal invasive surgery

Ease of Use
The iSert® system provides controlled IOL delivery that is highly predictable and reproducible. It also reduces the time-consuming steps of inserter preparation, cleaning and sterilization. The completely disposable, closed system provides sterility and an untouched IOL.

Small Incision
The iSert® system with as low as 2.2 mm incision, allows efficient minimal invasive surgery without wound assist technique.

Distinctive Lens Design
The HOYA Yellow 1-Piece IOL with Aspheric Balanced Curve (ABC) is designed to provide consistent performance and image quality. A sharp square edge helps minimize PCO.

HOYA
SURGICAL OPTICS

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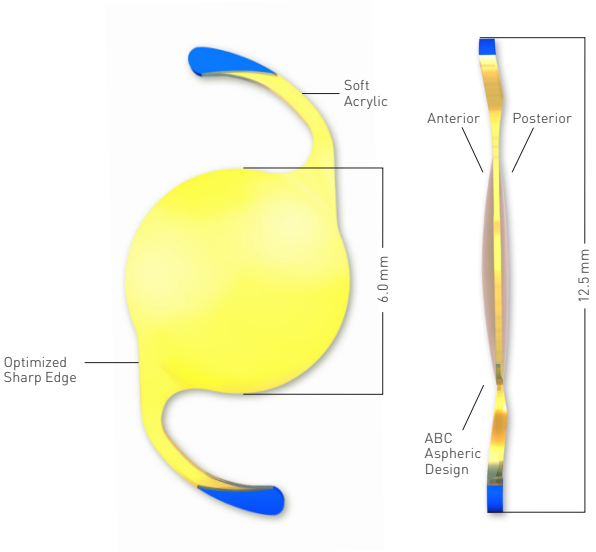

Model Name	HOYA iSert® 251
Specification	Blue Light Filtering
Optic Material	Hydrophobic acrylic
Optic Design	Aspheric (Aberration correcting)
Manufacturing	Lathe-cut and pad polished
Haptic Material	Hydrophobic acrylic and PMMA chemically bonded
Haptic Configuration	Modified C-loop, 5° angulation
Dimension (Optic/OAL)	6.0 mm/12.5 mm
Power	+6.0 to +30.0 D (in 0.5D increments)
Estimated A-Constant	118.4*
IOL Master Constants**	Haigis a0 = -0.590 a1 = 0.019 a2 = 0.225 Hoffer Q pACD = 5.32 Holladay 1 sf = 1.53 SRK/T A = 118.5 SRK II A = 118.7
Injector	iSert®
Incision	As low as 2.2 mm

*The A Constant mentioned above is presented as a guideline only for lens power calculations. It is recommended that the A Constant measurement be customized based on the surgeon's experience and measuring equipment.
**http://www.augenklinik.uni-wuerzburg.de/ulib/c1.htm (as of Aug. 29, 2013)

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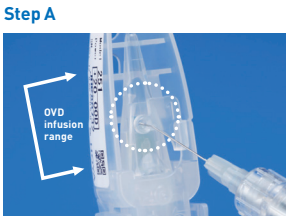
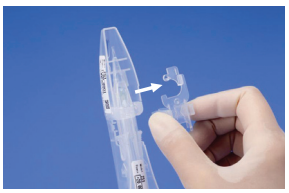
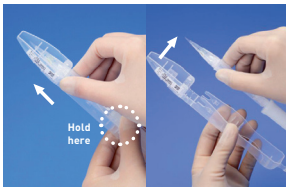
Singularly Focused. Globally Powered.™



Step A



Step B



Step C

Step D

Step A

Infuse the OVD into the injector through the infusion port with the cannula pointed in a direction perpendicular to the body. Fill up the area indicated by dotted lines with the OVD and confirm that the OVD has covered the entire IOL.

Step B

Press the release tabs, lift up and remove the cover from the case.

Step C

Push the slider slowly until it stops, holding the body with your thumb. Do not pull back on the slider at any time. Remove the injector from the case.

Step D

Push the screw plunger forward until it contacts the injector body. Carefully insert the nozzle into the eye through the incision, keeping bevel down. Slowly rotate the screw plunger to inject the lens into the capsular bag.

HOYA SURGICAL OPTICS

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