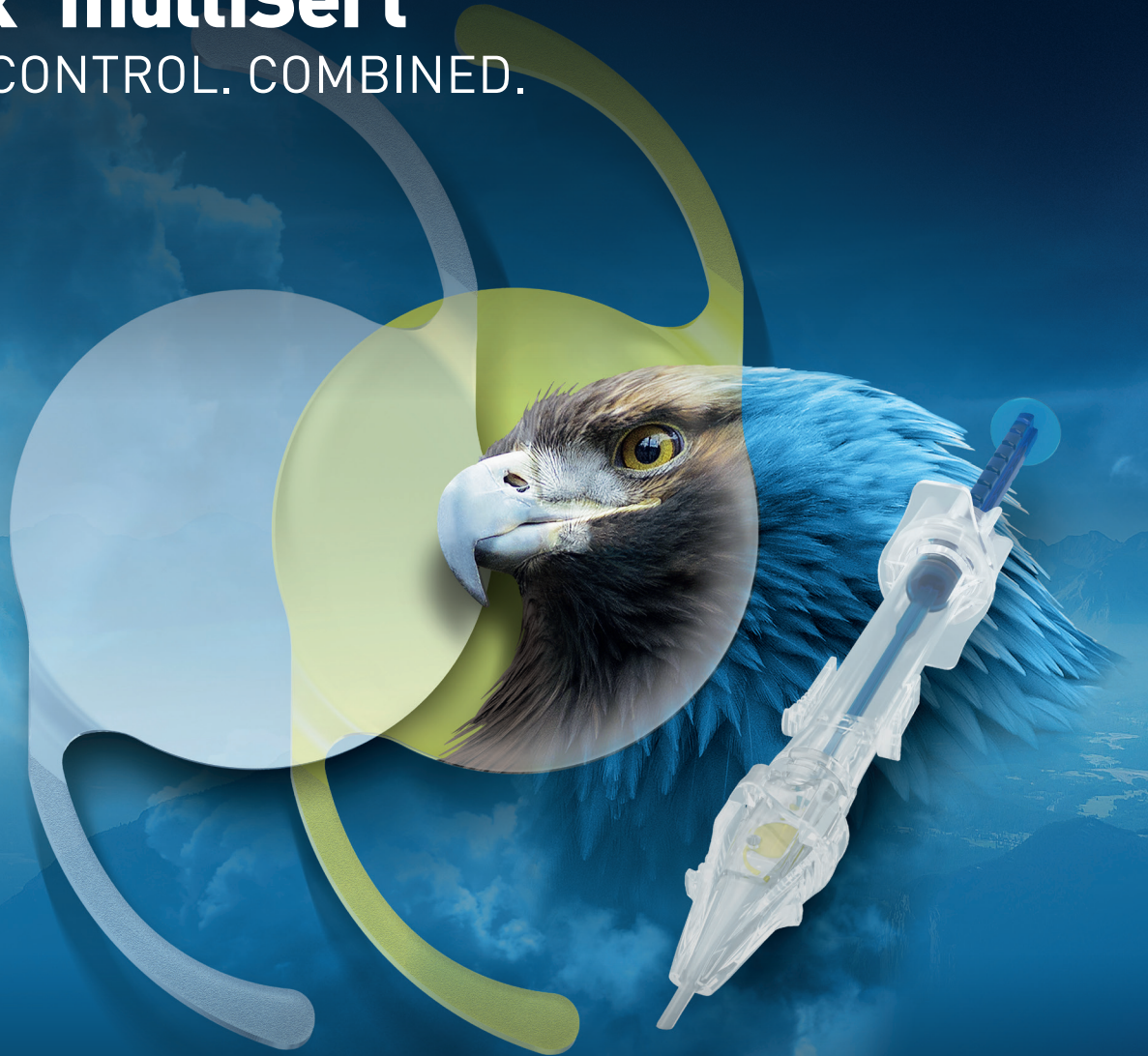


Vivinex™

MODEL **XC1-SP** | MODEL **XY1-SP**

Vivinex™ multiSert™

CLARITY. CONTROL. COMBINED.



UNPRECEDENTED CLARITY OF VISION

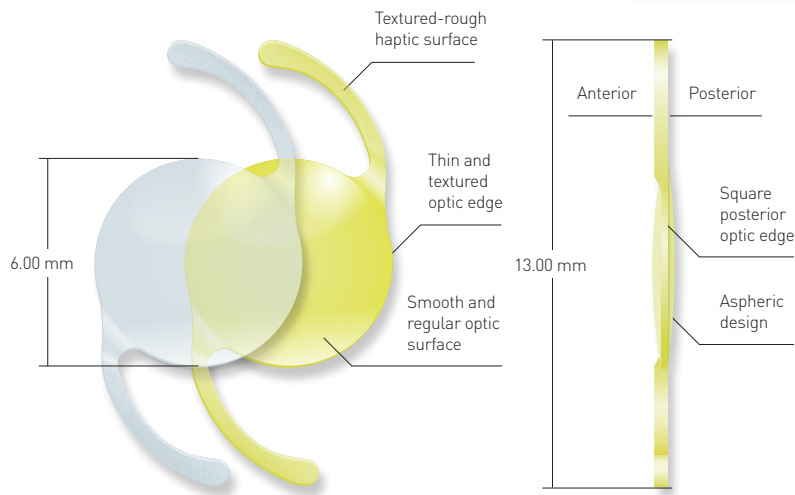
- Glistening-free hydrophobic acrylic IOL material^{1,2}
- Proprietary aspheric optic design for improved image quality³
- Active oxygen processing treatment, a smooth surface and square optic edge to reduce PCO^{2,4,5,6,7,8,9,10}

UNMATCHED CONTROL AT YOUR FINGERTIPS

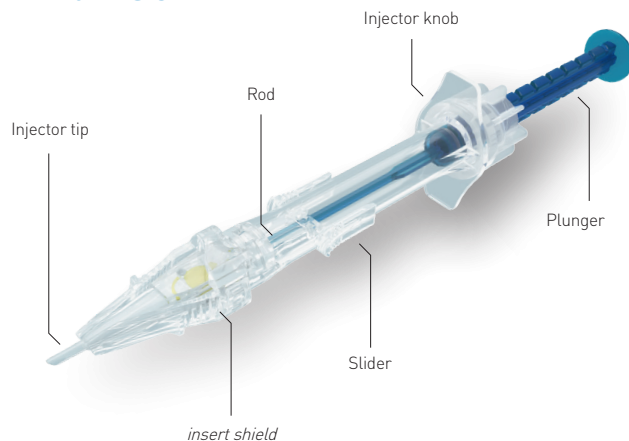
- Single-handed push and two-handed screw injection within one device
- Uniquely designed adjustable *insert shield* for precise injector tip insertion depth management
- multiSert™ provides outstandingly consistent and predictable IOL delivery¹¹

Vivinex™

MODEL XC1-SP | MODEL XY1-SP

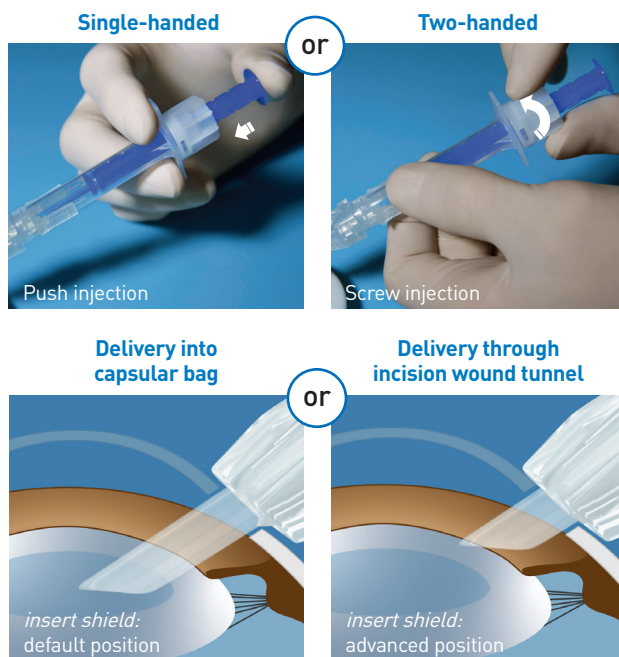


multiSert™



Vivinex™ multiSert™	
Model name	XC1-SP XY1-SP
Optic design	Aspheric design with square, thin and textured optic edge
Optic & haptic materials	Hydrophobic acrylic Vivinex™ with UV-filter (Model XC1-SP), with UV- and blue light filter (Model XY1-SP)
Haptic design	Textured-rough haptic surface
Diameter (optic/OAL)	6.00 mm / 13.00 mm
Power	+6.00 to +30.00 D (in 0.50 D increments)
Nominal A-constant*	118.9
Optimized constants**	Haigis $a_0 = -0.8733$ $a_1 = 0.2093$ $a_2 = 0.2277$
	Hoffer Q $pACD = 5.693$
	Holladay 1 $sf = 1.926$
	SRK/T $A = 119.18$
Injector	multiSert™ preloaded
Front injector tip outer diameter	1.70 mm
Recommended incision size	2.20 mm

4-in-1 multiSert™ offers unmatched control with multiple options



* 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 1,444 clinical results for Vivinex™ model XY1/XC1 as of January 11, 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.

- Glistening-free per Miyata scale; study result of the The David J Apple International Laboratory for Ocular Pathology, University Hospital Heidelberg. Report on file.
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