

VIVINEX IMPRESS™ BE IMPRESSED

Set a new benchmark for visual
outcomes achieved by your
monofocal patients

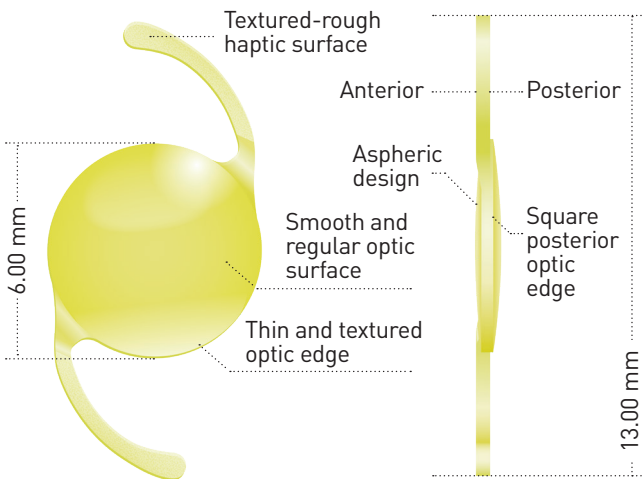


Vivinex Impress™

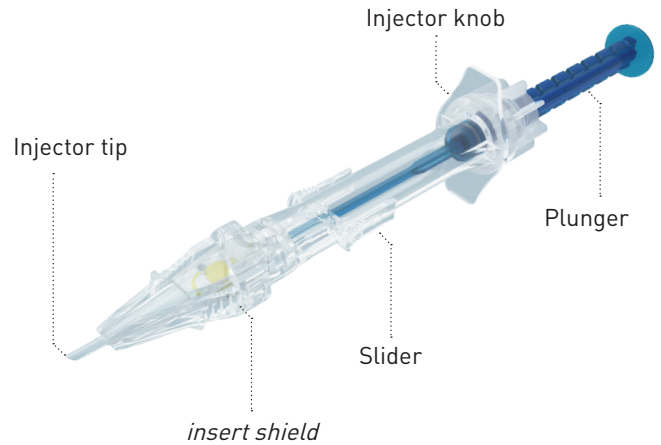
Enhanced Monofocal IOL delivered by the **multiSert™** preloaded injector

MODEL **XY1-EM**

HOYA
SURGICAL OPTICS



multiSert™



Vivinex Impress™				
Model name	XY1-EM			
Optic design	Biconvex with square, thin and textured optic edge Anterior: Aspheric design			
Optic & haptic materials	Hydrophobic acrylic Vivinex™ with UV- and blue light filter			
Haptic design	Textured-rough haptic surface			
Diameter (optic/OAL)	6.00 mm / 13.00 mm			
IOL power (Spherical equivalent)	+6.00 to +30.00 D (in 0.50 D increments)			
Nominal A-constant*	118.8			
Optimized constants**	Haigis	$a_0 = -0.4362$	$a_1 = 0.2496$	$a_2 = 0.2035$
	Hoffer Q	pACD = 5.682		
	Holladay 1	sf = 1.918		
	SRK/T	A = 119.192		
	Castrop	C = 0.323	H = 0.1605	R = 0.1193
	Cooke K6	A = 119.182		
	Eom	A = 119.172		
	Olsen	ACD = 4.84		
Injector	multiSert™ preloaded			
Front injector tip outer diameter	1.70 mm			
Recommended incision size	2.20 mm			



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* 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 clinical results for Vivinex™ Models XC1/XY1 and XC1-SP/XY1-SP as of November 10, 2025. 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.