

BREAKING
THE
FLOW OF
CATARACT
SURGERY
CAN BE
PRICKLY



STEP INTO
SMOOTH SURGERY
TIME AFTER TIME

WITH VIVINEX™ MULTISERT™

Deliver clarity of vision to your patients and
get the control you need during surgery

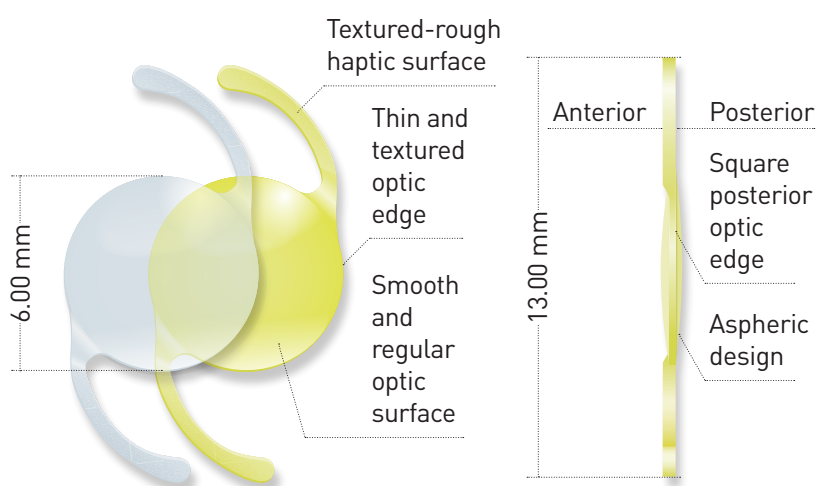


Vivinex™ multiSert™

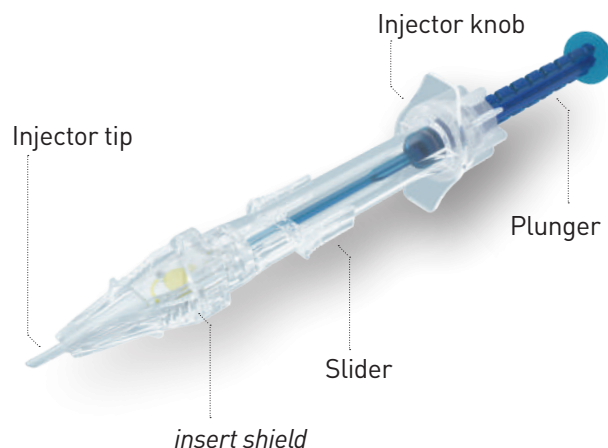
Monofocal IOL delivered by the **multiSert™** preloaded injector

MODELS XC1-SP/XY1-SP

HOYA
SURGICAL OPTICS



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	$a_0 = -1.0459$	$a_1 = 0.2547$	$a_2 = 0.2291$
	Hoffer Q	pACD = 5.700		
	Holladay 1	sf = 1.928		
	SRK/T	A = 119.193		
Injector	multiSert™ preloaded			
Front injector tip outer diameter	1.70 mm			
Recommended incision size	2.20 mm			



SCAN HERE TO VIEW PRODUCT INFORMATION

* 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 2,857 and 2,884 clinical results for Vivinex™ Models XC1/XY1 and XC1-SP/XY1-SP as of June 10, 2024. 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.



2025-03-26_HSOE_XC1-SP_XY1-SP_DS_EN

Information contained is intended for health care professionals. For a full list of indications and contraindications please refer to the Instructions For Use. Some of the products and/or specific features as well as the procedures featured in this document may not be approved in your country and thus may not be available there. Design and specifications are subject to change without prior notice as a result of ongoing technical development. Please contact our regional representative regarding individual availability in your country. HOYA, Vivinex and multiSert are trademarks of the HOYA Corporation or its affiliates. ©2025 HOYA Medical Singapore Pte. Ltd. All rights reserved. ■ HOYA Medical Singapore Pte. Ltd. | 10 Biopolis Road #04-01/06 | Chromos | Singapore 138670 | SINGAPORE ■ HOYA Surgical Optics GmbH | De-Saint-Exupery-Str. 10 | 60549 Frankfurt am Main | Germany | Hotline DE: Tel. +49 (0)800 664 2 664 | Fax +49 (0)800 774 2 774 | hoyasurgicaloptics.com

