



Reichert  
**Xcel<sup>®</sup> Slit Lamps**

*Performance and Value Converge.*

## Compare with the Best

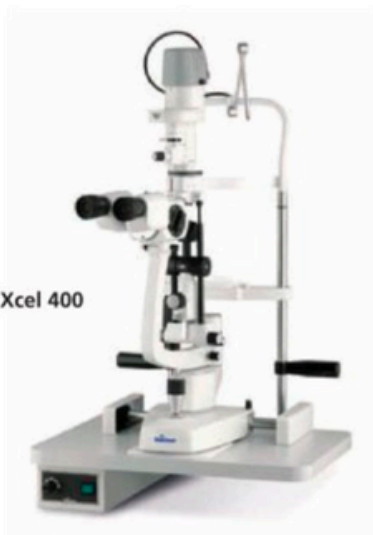
Reichert Xcel® Slit Lamps utilize high quality optics, providing clarity and detail that will surprise even the most discriminating operator. The feather-touch XYZ joysticks, convenient controls, and ergonomic design, combined with top quality materials and meticulous assembly, ensure years of comfortable, enjoyable use. The outstanding optical performance, features and quality make the Reichert Xcel series comparable to the world's elite slit lamps.

## Additional Accessories to Meet Your Needs

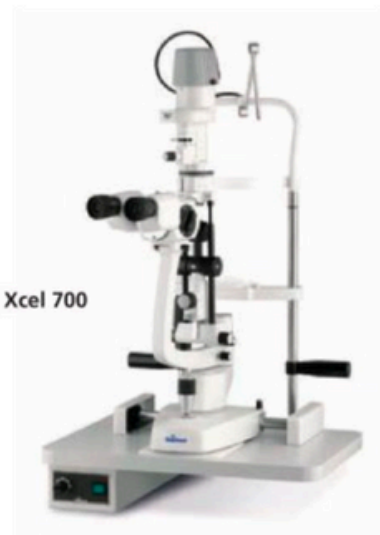
A complete selection of Applanation Tonometers and other accessories, including beam splitters, camera adapters, and observation tubes, are available to complement your Xcel slit lamp.



Xcel 255



Xcel 400



Xcel 700

### Specifications

	Xcel 255	Xcel 400/Xcel 700
<b>Microscope</b>	Galilean	Galilean
<b>Magnification Change</b>	3 step rotation	3 step rotation (5 step*)
<b>Eyepiece</b>	12.5x	12.5x
<b>Magnification Ratio</b>	10x, 16x, 25x	10x, 16x, 25x (6x, 40x*)
<b>PD Range</b>	48.5 - 80 mm	48.5 - 80 mm
<b>Dioptric Adjustment</b>	±5	±6
<b>Slit Width</b>	0 - 13.5mm	0 - 12 mm
<b>Slit Length</b>	0 - 13.5 mm	0 - 12 mm
<b>Slit Apertures</b>	0.6, 5.8, 9, 13.5 mm	0.3, 1, 3, 5, 9, 12 mm
<b>Slit Rotation</b>	0 - 180°	0 - 180°
<b>Filters</b>	Red free, cobalt blue, heat absorbing	Red free, cobalt blue, heat absorbing, neutral density
<b>Movement Ranges:</b>		
Longitudinal (in/out)	90 mm	90 mm
Lateral (left/right)	107 mm	100 mm
Vertical (up/down)	30 mm	30 mm
Chin Rest Range	80 mm	80 mm
<b>Illumination</b>	6V 20W halogen	6V 20W halogen
<b>Voltage</b>	90 - 250 VAC	110/220 VAC
<b>Frequency</b>	50/60 Hz	50/60 Hz
<b>Table Base Dimensions</b>	465 x 316 mm	465 x 316 mm
<b>Weight (packed)</b>	52 lbs. (23.64 kg)	52 lbs. (23.64 kg)

(\*) Xcel 700 specification

### Catalog Numbers Xcel 255

<b>15120</b>	Xcel 255 Slit Lamp
<b>12579</b>	CT 210 Tonometer Mount
<b>12598</b>	CT 210 Tonometer
<b>15122</b>	1 port beam splitter
<b>12588</b>	6V 20W Halogen Lamp
<b>12596</b>	Tonometer Prism

### Catalog Numbers Xcel 400/700

<b>12580</b>	Xcel 400 Slit Lamp
<b>12562</b>	Xcel 700 Slit Lamp
<b>12586</b>	1 port beam splitter
<b>12587</b>	2 port beam splitter
<b>12585</b>	Beam splitter with integrated C-Step adapter
<b>12572</b>	52mm SLR camera tube
<b>12573</b>	C-Step video camera adapter
<b>12574</b>	Observation tube
<b>12595</b>	Tonometer Prism
<b>12588</b>	6V 20W halogen bulb
<b>12567</b>	T900 Tonometer plate
<b>12591</b>	CT 100 Tonometer

**Call your authorized Reichert Ophthalmic Instruments Distributor today.**

#### Important Notice

For your own protection, only purchase your Reichert Ophthalmic Instruments from and have them serviced by an Authorized Reichert Distributor.

XCEL - 0209 ©2009 Reichert, Inc. Specifications subject to change without notice.

**Reichert®**  
Ophthalmic Instruments

Reichert, Inc.  
3362 Walden Avenue, Depew, NY 14043  
Toll Free: 888-849-8955 • Tel: (716) 686-4500  
Fax: (716) 686-4545 • [www.reichert.com](http://www.reichert.com)

**ISO 9001 Certified**  
Reichert products are designed and manufactured under quality processes meeting ISO 9001 requirements.