

precision optics

## Performance and Value Converge



Xcel 700



Xcel 255



Xcel 400

## Reichert Xcel™ Slit Lamps

quality engineered

# Reichert Xcel™ Slit Lamps



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.



CT200

Additional accessories to meet your needs

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



CT100

## Specifications:

Model	Xcel 255	Xcel 400/700
Microscope	Galilean	Galilean
Magnification Change	3 step rotation	3 step rotation/5 step
Eyepiece	12.5X	12.5X
Magnification Ratio	10X, 16X, 25X	10X, 16X, 25X/6x, 40x
PD Range	54–75 mm	48.5–80 mm
Dioptric Adjustment	±5	±6
Slit Width	0–13.5 mm	0–12 mm
Slit Length	0–13.5 mm	0–12 mm
Slit Apertures	0.6, 5.8, 9, 13.5 mm	0.3, 1, 3, 5, 9, 12 mm
Slit Rotation	0–180°	0–180°
Filters	Red free, cobalt blue, heat absorbing	Red free, cobalt blue, heat absorbing, neutral density
Movement Ranges:		
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
Illumination	6V 20W halogen	6V 20W halogen
Voltage	90–250 VAC	110/220 VAC
Frequency	50/60 Hz	50/60 Hz
Table Base Dimensions	465 x 316 mm	465 x 316 mm
Weight (packed)	52 lbs. (23.64 kg)	52 lbs. (23.64 kg)

## Catalog Numbers

15120	Xcel 255 Slit Lamp
12580	Xcel 400 Slit Lamp
12562	Xcel 700 Slit Lamp
12585	Slit Lamp beam splitter, new style with integrated C-step adapter
12586	1 port beam splitter
12587	2 port beam splitter
12572	52mm SLR camera tube
12573	C-step video camera adapter
12574	Observation tube
12595	Tonometer prism
12563	6V 20W halogen lamp
12566	Hruby lens
12567	T900 Tonometer plate
12576	CT200 Tonometer mount
12591	CT100 Tonometer
12590	CT200 Tonometer

Specifications subject to change without notice.

## Reichert Quality

The Reichert name ensures a high quality, reliable instrument that you can count on every time.

**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.



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

**Reichert**  
Ophthalmic Instruments

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