



Reichert
Xcel® 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
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	48.5 - 80 mm	48.5 - 80 mm
Dioptric Adjustment	±5	±6
Slit Width	0 - 13.5mm	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)

(*) Xcel 700 specification

Catalog Numbers Xcel 255

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

Catalog Numbers Xcel 400/700

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

