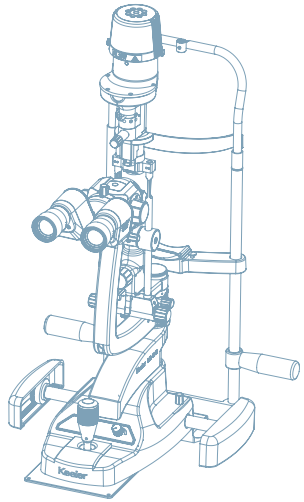
Symphony by Keeler

TECHNICAL SPECIFICATIONS



OPTICAL SYSTEM

Type	Galilean converging binoculars @ 8°
Magnification	Rotating drum change x6, x10, x16, x25 & x40
Eyepiece	x12.5
Field of view	34 mm, 22 mm, 14 mm, 8.5mm, 5.5 mm
Interpupillary distance	49.0mm to 77mm
Objective lens focal distance	107mm
Objective lens convergence angle	13°

SLIT PROJECTION SYSTEM & BASE

Slit Width	0-12mm continuously variable
Slit Length	12mm (1.8mm – 12mm continuously variable)
Aperture diameters	0.2mm, 1mm Square, 2mm, 3mm, 5mm, 9mm and 12mm
Filters	Clear; red free; neutral density; diffuser; blue; IR heat absorbing filter permanently installed.
Slit angle	+/- 90° continuous
Slit rotation	+/- 180° with reference scale
Slit vertical Tilt	0°, 5°, 10°, 15° & 20°
Base travel	25mm Z-axis, 107mm X-axis, 110mm Y axis.
Horizontal fine adjustment	12mm
Table top dimensions	405 x 500mm
Fixation lamp	LED
Light source	6V 20W Halogen lamp

WEIGHT, PACKED (APPROX.)

Slit Lamp with chinrest	20.0Kg, 75 x 54 x 45cm W x D x H
Table top with PSU & Acc drawer	5.2Kg, 51 x 42 x 15cm W x D x H

PROTECTION AGAINST INGRESS IPx0

CLASS II ME EQUIPMENT

Insulation between mains parts and the functional earth provide at least two means of protection.

POWER SUPPLY

Power supply unit	Switch mode, (110V – 240V input) +/- 10% multi plug compliant to EN60601-1 EN 61000-6-2, EN 61000-6-3
Power supply output	12V DC: 2.5 amps must be IEC/EN 60601 compliant
Complies with	Electrical Safety (Medical) BS EN 60601-1
	Electromagnetic compatibility EN 60601-1-2
	Ophthalmic instruments - Fundamental requirements and test methods ISO 15004-1:2006
	Ophthalmic instruments - Optical radiation hazard ISO 15004-2:2007

ENVIRONMENTAL

	Temperature	Humidity	Pressure
Use	+10°C to +35°C	30% to 90%	800 hpa to 1060 hpa
Storage	-10°C to +55°C	10% to 95%	700 hpa to 1060 hpa
Transport	-40°C to +70°C	10% to 95%	500 hpa to 1060 hpa

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