

OPTICAL SYSTEM

Type	Galilean converging binoculars @ 8°
Magnification	Rotating drum change x6, x10, x16, x25 & x40
Eyepiece	x12.5
Field of view	34, 22, 14, 8.5 and 5.5 mm
Interpupillary distance	49.0 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	0.2, 1mm square, 2, 3, 5, 9 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	LED / 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

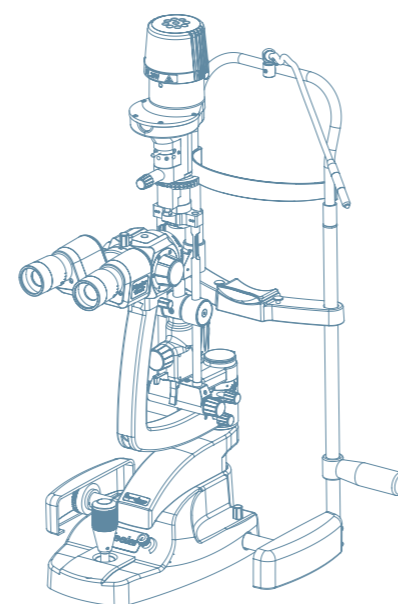
Insulation between mains parts and the functional earth provide at least two means of protection

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



More Keeler Instruments

Got a question? - Call us

For over ninety years we have manufactured top quality precision ophthalmic instruments.

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Beautifully
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Slit Lamps
K series

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The Symphony K series from Keeler - quality build and leading technology Slit Lamps with a contemporary design

It's very simple. We set ourselves the task of designing a Slit Lamp to exceed performance expectations. The result is the Keeler Symphony, combining intricate performance with practical elegance.

Keeler – Unrivalled experience in design and manufacturing

Keeler's sites in Windsor and Barnsley are at the heart of our design and manufacturing operation.

With close to 100 years experience, Keeler manufactures and provides quality optical devices for medical professionals worldwide, through our extensive distributor sales and support network. Wherever you are in the world, Keeler will have a presence.

Outstanding reliability

We understand how important the Slit Lamp is to your practice. You rely on it to provide accurate diagnostic and examination results day in, day out. Failure is simply not an option.

With Keeler Symphony, you can rest assured that our exceptional attention to detail will ensure optimum performance and reliability time after time.

Peace of mind with our 3 year warranty

Your new Keeler Slit Lamp comes with the peace of mind of a 3 year warranty. Additionally you will have access to our comprehensive online help pages and our technical assistance team.



Let there be LEDs

Our LED has been carefully selected for its performance, with a colour temperature of 3,800k, and a truly homogeneous light patch. The colour quality is excellent and will increase efficiency when fluorescence is required and give increased detail to small structures, such as the endothelium.

Most halogen lamps have a life of around 100 hours. Typically, a Keeler LED will provide 10,000 or more hours, giving you 100 times the life of your halogen lamp.

Digital Tonometers

Choose from the T type or R type D-KAT (Digital Keeler Applanation Tonometer).

The T type is removable and conveniently fits into a shaped guide plate that, in turn, fits in the test bar locating hole.

The R type is fitted to a mounting post, located on the optics block, and can be swung in and out for use, as required.



R type
D-KAT

T type
D-KAT

Exceptional optics

Keeler is renowned for market-leading optics and has been dedicated to optical design and manufacture for nearly 100 years. Our customers have absolute confidence in the quality, accuracy and reliability our optical design delivers.

Our advanced design and manufacturing techniques give the Keeler Symphony the advantage of quite simply stunning optical performance.

