

## OPTICAL SYSTEM

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

## SLIT PROJECTION SYSTEM & BASE

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

## WEIGHT, PACKED (APPROX.)

<b>Slit Lamp, complete with table top</b>	26kg (max), 900 x 580 x 450 mm W x D x H (external dimensions)
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## PROTECTION AGAINST INGRESS IPx0

## CLASS II ME EQUIPMENT

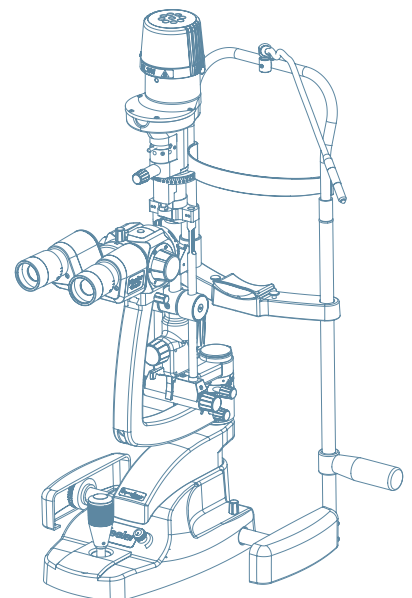
Insulation between mains parts and the functional earth provide at least two means of protection

## POWER SUPPLY

<b>Power supply unit</b>	Switch mode, (110V – 240V input) +/- 10% multi plug compliant to EN60601-1 EN 61000-6-2, EN 61000-6-3
<b>Power supply output</b>	12V DC: 2.5 amps must be IEC/EN 60601 compliant
<b>Complies with</b>	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
<b>Use</b>	+10°C to +35°C	30% to 90%	800 hpa to 1060 hpa
<b>Storage</b>	-10°C to +55°C	10% to 95%	700 hpa to 1060 hpa
<b>Transport</b>	-40°C to +70°C	10% to 95%	500 hpa to 1060 hpa



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