

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, complete with table top | 26kg (max), 900 x 580 x 450 mm W x D x H (external dimensions) |
|---|--|

PROTECTION AGAINST INGRESS IPx0

CLASS II ME EQUIPMENT

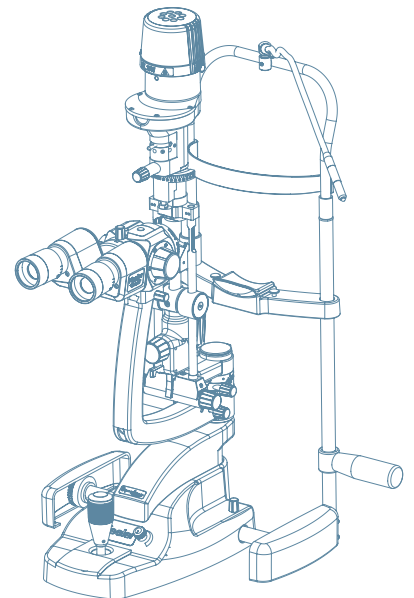
Insulation between mains parts and the functional earth provide at least two means of protection

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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