

Technical Specifications BP900 LED

Slit Lamp Illuminator

Slit image width	0 – 8 mm continuous
Slit image length	1 - 8 mm continuous
Illumination field diameter	8, 5, 3, 2, 1, 0.2 mm Test mark with fixation star
Slit image radial range	± 90°
Radial movement of the slit light illumination relative to the microscope axis	Horizontal ± 90°, vertical 0 - 20°
Filters	Blue, red-free (green), grey (10 %), The UV filter and the heat absorption filter are permanently mounted
Light source	LED 24 VDC / 1 A
Brightness levels, slit illumination:	Level 1 (min.) Approx. 10'000 lx Level 10 (max.) Approx. 450'000 lx
Brightness levels, background illumination fixed:	Level 1 (min.) Approx. 30 lx Level 10 (max.) Approx. 15'000 lx
Brightness levels, background illumination pivoting:	Level 1 (min.) Approx. 60 lx Level 10 (max.) Approx. 30'000 lx
Working temperature	10° to 35° C

Stereo-Microscope

Stereo angle	13°
Magnification changer	10x, 16x, 25x
Ocular magnification	12.5x
Range of adjusting eye-pieces	+7 to -7 diopters
Inter pupillary distance	53 - 78 mm

Instrument base

Operation	Single handed 3-dimensional operation of the guide lever
Adjustment of the instrument base	100 mm (length), 100 mm (side), 30 mm (height)

Electric supply (class II, type B)

Input 100 to 240 VAC (±10%)
50 – 60 Hz
60 VA
Output 1 24 VDC / 1 A
Output 2 5 VDC/ 200 mA

Net weight	12.3 kg (without power supply, headrest and options)
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