

KERN OZL 963

KERN

Predefined stereo microscope set with simple telescopic arm and 4.5 W ring illumination unit for greater flexibility at the workstation



Category	
Brand	Optics
Product category	Microscope
Product group	Stereo microscope set
Product family	OZL-9

Approval	
CE mark	✓

Construction	
Dimension (W×D×H)	700×255×600 mm
Optical system	Greenough
Tube type	Trinocular
Tube angle of inclination	45°
Tube 360° rotation	✓
Diopter adjustment	both-sided
Diopter adjustment [Min]	-5
Diopter adjustment [Max]	5
Contrasting methods	Bright field
Light distribution	100:0
Interpupillary distance [Max]	75 mm
Interpupillary distance [Min]	55 mm

Ocular	
Ocular field width	HWF
Eye point	High Eye Point
Ocular magnifications	10 x
Ocular visual field	20 mm
Ocular diameter	30 mm

Focussing	
Torque regulation	✓
Working distance	100 mm
Zoom [Min]	0,7 x
Zoom [Max]	4,5 x
Magnification ratio	6,4:1
Field of view [Min]	4,4 mm
Field of view [Max]	28,6 mm
Focusing mechanism	coarse drive
Sample height [Max]	140 mm
Standard total magnification [Min]	7 x
Standard total magnification [Max]	45 x

Illumination	
Illumination type incident light	LED
Illumination intensity incident light	4,5 W
Illuminance	Reflected light
Illumination dimmable	Incident light

Power Supply	
Input voltage power supply / power [Max]	100 - 240 V
Input voltage device / power [Max]	100 - 240 V
Plug-in power supply type	Built-in power supply
	EURO
Plug-in power supply / adapter for countries - optional	AUS
	UK
	US
	CH

Environmental conditions	
Storage temperature [Min]	-5 °C
Storage temperature [Max]	40 °C

Packing & Shipping	
Readability force [d] (N)	1 d
Dimensions packaging (W×D×H)	820×420×240 mm
Net weight	18 kg
Shipping method	Parcel service
Net weight approx.	18 kg
Gross weight approx.	22 kg
Shipping weight	20,5 kg

Pictograms	
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