

KERN OZL 961

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

Construction

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

Ocular

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

Objective

Objectives magnifications	0,7 x - 4,5 x
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Illumination

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

Focussing

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

Stereomicroscope stand

Stand type	universal (telescopic arm with plate)
Diameter mounting microscope head (Ø)	76 mm

Power Supply

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

Environmental conditions

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

Approval

CE mark	✓
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Packing & Shipping

Delivery time	1 d
Dimensions packaging (W×D×H)	820×420×240 mm
Net weight	17 kg

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Shipping method	Parcel service
Net weight approx.	17 kg
Gross weight approx.	20 kg
Shipping weight	19,5 kg

Pictograms