

KERN OZL 456

KERN

The practical and flexible stereo zoom microscope with integrated LED ring illumination and large zoom range



Category

Brand	Optics
Product category	Microscope
Product group	Stereo microscope
Product family	OZL-45R

Approval

CE mark	✓
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Construction

Dimension (W×D×H)	320×275×420 mm
Optical system	Greenough
Tube type	Binocular
Tube angle of inclination	45°
Tube 360° rotation	✓
Diopter adjustment	both-sided
Diopter adjustment [Min]	-5
Diopter adjustment [Max]	5
Contrasting methods	Bright field
Interpupillary distance [Max]	75 mm
Interpupillary distance [Min]	55 mm

Ocular

Ocular field width	HSWF
Eye point	High Eye Point
Ocular magnifications	10 x
Ocular visual field	23 mm
Ocular diameter	30 mm

Focussing

Torque regulation	✓
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Working distance	113 mm
Zoom [Min]	0,75 x
Zoom [Max]	5 x
Magnification ratio	6,7:1
Field of view [Min]	5 mm
Field of view [Max]	33 mm
Focusing mechanism	coarse drive
Sample height [Max]	45 mm
Standard total magnification [Min]	7,5 x
Standard total magnification [Max]	50 x

Illumination

Illumination type incident light	LED
Illumination intensity incident light	1 W
Illumination intensity transmitted light	0,21 W
Illumination type transmitted light	LED
Illuminance	Reflected light Transmitted light

Power Supply

Input voltage power supply / power [Max]	100 - 240 V
Input voltage device / power [Max]	4,5 V
Plug-in power supply type	Power adapter
Supplied power supply	Power supply unit
Plug-in power supply / adapter for countries - included with the delivery	EURO
	AUS
Plug-in power supply / adapter for countries - optional	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)	490×355×325 mm
Net weight	4,585 kg
Shipping method	Parcel service
Net weight approx.	4,6 kg
Gross weight approx.	6 kg
Shipping weight	11,3 kg

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Pictograms

STANDARD

