

KERN OZL 456

KERN

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



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

Category

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

Approval

CE mark ✓

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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Pictograms

STANDARD

