

KERN OZL 456



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

Construction

Dimension (W×D×H)	320×275×420 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 HSWF 10x / Ø 23mm with anti-fungus, high eye point
Ocular field width	HSWF
Eye point	High Eye Point
Ocular magnifications	10x
Ocular visual field	23 mm
Ocular diameter	30 mm

Objective

Objectives magnifications	0,75x - 5x
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Illumination

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

Focussing

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

Stereomicroscope stand

Stand type	mechanical
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Power Supply

Supplied power supply	Power supply unit
Power supply type	Power adapter
Plug-in power supply / adapter for countries - included with the delivery	EURO
	AUS
Plug-in power supply / adapter for countries - optional	UK
	US
	CH

Input voltage power supply / power [Max]	100 - 240 V
Power supply cable removable	removable
Input voltage device / power [Max]	4,5 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)	490×355×325 mm
Shipping method	Parcel service
Net weight approx.	4,6 kg
Gross weight approx.	6 kg
Shipping weight	11,3 kg

Product information

GTIN/EAN number	4045761170414
REACH classification	no prohibited substances

Pictograms

STANDARD

