

KERN OZL 45 1

Stereo zoom microscope with halogen illumination, for the laboratory, training centres, quality control or agriculture



Illumination

Illuminance	Reflected light Transmitted light
Illumination type incident light	Halogen
Illumination type transmitted light	Halogen
Illumination intensity incident light	10 W
Illumination intensity transmitted light	10 W
Illumination dimmable	Incident light + Transmitted light, collectively

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]	120 mm
Torque regulation	✓
Working distance	113 mm
Magnification ratio	6,7:1
Focusing mechanism	coarse drive

Stereomicroscope stand

Stand type	pillar
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Power Supply

Supplied power supply	Power supply unit
Power supply type	Built-in power supply
Plug-in power supply / adapter for countries - included with the delivery	EURO
Plug-in power supply / adapter for countries - optional	UK CH
Input voltage power supply / power [Max]	220 V
Power supply cable removable	removable
Input voltage device / power [Max]	220 V
Power socket for mains adapter	Power supply cable

Environmental conditions

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

Category

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

Construction

Dimension (W×D×H)	330×270×460 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
Ocular magnifications	10x
Ocular visual field	23 mm
Ocular diameter	30 mm

Objective

Objectives magnifications	0,75x - 5x
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Approval

CE mark ✓

Packing & Shipping

Delivery time	1 d
Dimensions packaging (W×D×H)	475×345×320 mm
Shipping method	Parcel service
Net weight approx.	4,6 kg
Gross weight approx.	6 kg
Shipping weight	10,5 kg

Product information

GTIN/EAN number	4045761170384
Trade number	90111000
REACH classification	no prohibited substances

Pictograms

STANDARD

