

KERN OZS 574



Professional stereo zoom microscope with parallel optics for excellent images, depth of field, contrast and fatigue-free working



Category	
Brand	Optics
Product category	Microscope
Product group	Stereo microscope
Product family	OZS-5

Construction	
Dimension (W×D×H)	305×300×540 mm
Optical system	Parallel
Tube type	Trinocular
Tube angle of inclination	45°
Tube 360° rotation	✓
Light distribution	0:100
Contrasting methods	Bright field Darkfield (optional)
Interpupillary distance [Min]	52 mm
Interpupillary distance [Max]	76 mm
Diopter adjustment	both-sided
Diopter adjustment [Min]	-6
Diopter adjustment [Max]	6

Ocular	
Ocular type	Eyepiece HWF 10x / Ø 22mm with anti-fungus, high eye point
Ocular field width	HWF
Ocular magnifications	10x
Ocular visual field	22 mm
Ocular diameter	30 mm

Objective	
Objectives - Details	Objective Plan Achromatic 1x anti-fungus
Objectives magnifications	0,8x - 8x

Illumination	
Illuminance	Reflected light Transmitted light
Illumination type incident light	LED
Illumination type transmitted light	LED
Illumination intensity incident light	3 W
Illumination intensity transmitted light	3 W
Illumination dimmable	Incident light + Transmitted light, separate

Focussing	
Field of view [Min]	2,75 mm
Field of view [Max]	27,5 mm
Standard total magnification [Min]	8x
Standard total magnification [Max]	80x
Zoom [Min]	0,8x
Zoom [Max]	8x
Sample height [Max]	100 mm
Torque regulation	✓
Working distance	91 mm
Magnification ratio	10,0:1
Focusing mechanism	coarse drive

Stereomicroscope stand	
Stand type	pillar
Diameter mounting microscope head (Ø)	76 mm

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
Plug-in power supply / adapter for countries - optional	AUS UK US CH
Input voltage power supply / power [Max]	110 - 220 V

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Power supply cable removable	removable
Input voltage device / power [Max]	110 - 220 V
Power socket for mains adapter	Hollow plug, inside plus, Ø outside 5,5 mm, Ø inside 2,1 mm, long 10,5 mm

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)	400×370×340 mm
Shipping method	Parcel service
Net weight approx.	6 kg
Gross weight approx.	7 kg
Shipping weight	10,1 kg

Product information

GTIN/EAN number	4045761169432
Trade number	90111000
REACH classification	no prohibited substances

Pictograms

STANDARD



OPTION

