KERN **OZM 953**

Predefined stereo microscope sets with PREMIUM universal stand and illumination for your functional workplace



Date of creation: 23.10.2026

Category	
Brand	Optics
Product category	Microscope
Product group	Stereo microscope set
Product family	OZM-9

Construction	
Optical system	Greenough
Tube type	Trinocular
Tube angle of inclination	45°
Tube 360° rotation	✓
Light distribution	0:100
Contrasting methods	Bright field
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 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	0,7x - 4,5x

Illumination	
Illuminance	Reflected light
Illumination type incident light	LED
Illumination intensity incident light	4,5 W
Illumination dimmable	Incident light

Focussing	
Field of view [Min]	5,1 mm
Field of view [Max]	32,8 mm
Standard total magnification [Min]	7x
Standard total magnification [Max]	45x
Zoom [Min]	0,7x
Zoom [Max]	4,5x
Sample height [Max]	130 mm
Torque regulation	✓
Working distance	110 mm
Magnification ratio	6,4:1
Focusing mechanism	coarse drive

Stereomicroscope stand	
Stand type	universal (jointed arm with clamp)
Diameter mounting universal stand (Ø)	37 mm
Diameter mounting microscope head (Ø)	76 mm

Power Supply	
Power supply type	Built-in power supply
Plug-in power supply / adapter for countries - optional	EURO AUS UK US CH
Input voltage power supply / power [Max]	100 - 240 V
Input voltage device / power [Max]	100 - 240 V
Power socket for mains adapter	Protective contact plug

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

Packing & Shipping	
Delivery time	1 d

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Dimensions packaging (W×D×H)	700×520×350 mm
Shipping method	Parcel service
Net weight approx.	11 kg
Gross weight approx.	13 kg
Shipping weight	25,5 kg
Shipping volume weight	25,5 kg

Product information

GTIN/EAN number	4045761189058
Trade number	90111000
Warranty Time	36 mon
REACH classification	no prohibited substances

Pictograms

STANDARD

