KERN **OZM 902**

Predefined stereo microscope set with simple telescopic arm and 4.5 W ring illumination unit for greater flexibility at the workstation



Category

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

Construction

Optical system	Greenough
Tube type	Binocular
Tube angle of inclination	45°
Tube 360° rotation	✓
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 (telescopic arm with plate)
Diameter mounting universal stand (Ø)	32 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

Approval

CE mark	✓

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Packing & Shipping

Delivery time	1 d
Dimensions packaging (W×D×H)	700×520×350 mm
Shipping method	Parcel service
Net weight approx.	17 kg
Gross weight approx.	20 kg
Shipping weight	25,5 kg
Shipping volume weight	25,5 kg

Product information

GTIN/EAN number	4045761218352
Trade number	90111000
REACH classification	no prohibited substances

Pictograms

STANDARD

