

KERN OZM 544

KERN

First-class optics and strong illumination combined with a high level of flexibility



Category

Brand	Optics
Product category	Microscope
Product group	Stereo microscope
Product family	OZM-5

Construction

Dimension (WxDxH)	330x285x440 mm
Optical system	Greenough
Tube type	Trinocular
Tube angle of inclination	45°
Tube 360° rotation	✓
Light distribution	100:0
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 HSWF 10 x / Ø 23mm with anti-fungus, high eye point
Ocular field width	HSWF
Ocular magnifications	10 x
Ocular visual field	23 mm
Ocular diameter	30 mm

Objective

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

Stereomicroscope stand

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

Power Supply

Supplied power supply	Power supply unit
Plug-in power supply type	Built-in power supply
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]	110 - 220 V
Input voltage device / power [Max]	12 V, 2000 mA

Environmental conditions

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

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Approval

CE mark



Packing & Shipping

Delivery time

1 d

Dimensions packaging (W×D×H)

385×370×330 mm

Net weight

4,7516 kg

Shipping method

Parcel service

Net weight approx.

4,8 kg

Gross weight approx.

6 kg

Shipping weight

9,4 kg

Pictograms

STANDARD



OPTION

