KERN **OZM 544**

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



Category	
Brand	Optics
Product categoriy	Microscope
Product group	Stereo microscope
Product family	OZM-5

Approval	
CE mark	✓

Construction	
Dimension (W×D×H)	330×285×440 mm
Optical system	Greenough
Tube type	Trinocular
Tube angle of inclination	45°
Tube 360° rotation	✓
Diopter adjustment	both-sided
Diopter adjustment [Min]	-6
Diopter adjustment [Max]	6
Contrasting methods	Bright field Darkfield (optional)
Light distribution	100:0
Interpupillary distance [Max]	76 mm
Interpupillary distance [Min]	52 mm

Ocular	
Ocular field width	HSWF
Ocular magnifications	10 x
Ocular visual field	23 mm
Ocular diameter	30 mm

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

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

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
Plug-in power supply / adapter for countries - optional	AUS 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

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

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Shipping weight	9,4 kg

Pictograms

STANDARD



OPTION

