KERN **OZM 541**

First-class optics combined with a high level of flexibility



Date of creation: 23.10.2026

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

Construction	
Dimension (W×D×H)	330×285×440 mm
Optical system	Greenough
Tube type	Binocular
Tube angle of inclination	45°
Tube 360° rotation	✓
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 10x / Ø 23mm with anti-fungus, high eye point
Ocular field width	HSWF
Ocular magnifications	10x
Ocular visual field	23 mm
Ocular diameter	30 mm

Objective	
Objectives magnifications	0,7x - 4,5x

Illumination	
Illumination type transmitted light	None

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	pillar
Diameter mounting microscope head (Ø)	76 mm

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

Packing & Shipping	
Delivery time	1 d
Dimensions packaging (W×D×H)	365×340×390 mm
Shipping method	Parcel service
Net weight approx.	3,8 kg
Gross weight approx.	5,0 kg
Shipping weight	9,7 kg
Shipping volume weight	9,7 kg

Product information	
GTIN/EAN number	4045761169272
Trade number	90111000
Warranty Time	36 mon
REACH classification	no prohibited substances

KERN **OZM 541**

First-class optics combined with a high level of flexibility

Pictograms

STANDARD

