KERN **OZP 158**

Professional and powerful – thanks to its extremely large magnification range, strong illumination and first-class optics

Date of creation: 15.11.2026

Category	
Brand	Optics
Product category	Microscope
Product group	Stereo microscope
Product family	OZP-15

Construction	
Dimension (W×D×H)	380×235×450 mm
Optical system	Greenough
Tube type	Trinocular
Tube angle of inclination	45°
Tube 360° rotation	✓
Light distribution	50:50
Contrasting methods	Bright field Darkfield (optional)
Interpupillary distance [Min]	54 mm
Interpupillary distance [Max]	76 mm
Diopter adjustment	both-sided
Diopter adjustment [Min]	-5
Diopter adjustment [Max]	5

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	0,65x - 5,5x

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]	4,2 mm
Field of view [Max]	35,4 mm
Standard total magnification [Min]	6,5x
Standard total magnification [Max]	55x
Click-Stop-Zoom	✓
Zoom [Min]	0,65x
Zoom [Max]	5,5x
Sample height [Max]	90 mm
Working distance	105 mm
Magnification ratio	8,5:1
Focusing mechanism	coarse drive

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

Power Supply	
Supplied power supply	Power supply unit
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

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Input voltage power supply / power [Max]	100 - 240 V AC, 50/60 Hz, 1,0 A
Power supply cable removable	removable
Input voltage device / power [Max]	100 - 240 V
Power socket for mains adapter	Power supply cable

Environmental conditions

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

Approval

CE mark	✓

Packing & Shipping

Delivery time	1 d
Dimensions packaging (W×D×H)	515×305×425 mm
Shipping method	Parcel service
Net weight approx.	0,05 kg
Gross weight approx.	7 kg
Shipping weight	13,4 kg
Shipping volume weight	13,4 kg

Product information

GTIN/EAN number	4045761504523
Trade number	90119000
REACH classification	no prohibited substances

Pictograms

STANDARD