

KERN OZP 158



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



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

Date of creation: 01.10.2026

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

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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

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

