

# KERN OLM 170

# KERN

The inverted metallurgical microscope for professional applications



## Focussing

Field of view [Max]	4 mm
Torque regulation	✓
Focusing mechanism	coaxial coarse and fine drive

## Illumination

Illumination dimmable	Incident light
Illuminance	Reflected light
Filter possible	✓

## Power Supply

Input voltage power supply / power [Max]	100 V - 240 V, 50 / 60 Hz
Input voltage device / power [Max]	5 V, 1 A
Plug-in power supply type	Power adapter
Supplied plug-in power supply	Power supply unit
Plug-in power supply / adapter for countries - included with the delivery	EURO
Plug-in power supply / adapter for countries - optional	EURO UK

## Packing & Shipping

Readability force [d] (N)	1 d
Shipping method	Parcel service
Dimensions packaging (W×D×H)	500×420×300 mm
Net weight approx.	7 kg
Gross weight approx.	9 kg

## Piktogramme

### STANDARD



## Category

Brand	Optics
Product category	Microscopes
Product group	Metallurgical microscopes

## Approval

CE mark	✓
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## Construction

Dimension (W×D×H)	470×240×330 mm
Optical system	Infinity
Tube type	Butterfly
Tube type	Trinocular
Tube angle of inclination	45°
Contrasting methods	Bright field Polarisation
Light distribution	20:80
Diopter adjustment [Min]	-6
Diopter adjustment [Max]	6
Diopter adjustment	one-sided
Interpupillary distance [Min]	48 mm
Interpupillary distance [Max]	75 mm

## Ocular

Ocular field width	HWF
Ocular magnifications	10 x
Ocular diameter	23,2 mm
Ocular visual field	20 mm
Eye point	High Eye Point
Objectives magnifications	5 x / 10 x / 20 x / 50 x