

KERN OLM 170

The inverted metallurgical microscope for professional applications



Article codes, product groups & Status information

Model article-code	OLM 170
Model-Serie	OLM-1
Assortment	Optics
Product Type	Microscopes
Product group	Metallurgical microscopes
Product usage type	Main article
EAN code (Model)	4045761356665
Planned start date	2023-1HJ
Customs tariff number	90118000
CE Label	Yes

Technical data - Primary

Optical System	Infinity
Tube	Trinocular
Eyepiece	Eyepiece HWF 10 x / Ø 20mm with anti-fungus, high eye point
Standard Objectives	10x;20x;50x;5x
Objective quality	Infinity Plan
Illumination	5W LED (Auflicht)

Technical data - Construction

System	Inverse
Tube type	Butterfly
Tube angle	45°
Nosepiece positions	4

Eye distance (max)	75 mm
Eye distance (min)	48 mm
Adjustable dioptre	One-sided
Focusing mechanics	Coaxial coarse and fine drive
Fine drive minimum	0.002 mm
Table size	155×180 mm
Table traveling distance	75×40 mm
Aperture diaphragm	Yes
Condenser Type	Standard
Condenser mounting	Fixed
Dimensions	470×240×330 mm

Technical data - Power supply

Power supply kind	Power adapter
Input Voltage	100 V - 240 V, 50 / 60 Hz
Power Plug	Inside plus, outside minus
Protection Class	Class III - Low voltage
Cable attachment	removable

Technical data - Environmental conditions

Storage Temp Min	-5 °C
Storage Temp Max	40 °C

Technical data - Packing & Shipping

Dimensions packaging (W×D×H)	500×420×300 mm
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Gross weight	9 kg
Net weight	7 kg
Shipping method	Parcel service
Packaging component - by weight - cardboard	1130 g
Packaging component - by weight - plastics	36 g
Packaging component - by weight - styrofoam	770 g
Delivery time	1 d

Technical data - Verification

WEEE	Yes
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Technical data - Illumination

Illumination directions	Reflected light
Incident light type	LED
Incident light intensity	5W
Dimmable	Incident light

Functions

Standard

