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	Microscopes & Optical Metrology
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
Country of Origin	CN
Selective distribution	0

Technical data - Primary	
Optical System	Infinity
Tube	Trinocular
Eyepiece	Eyepiece HWF 10x / Ø 20 mm 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°
Tube rotation	Yes
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 traveling distance	75 mm;40 mm
Aperture diaphragm	Yes
Condenser Type	Standard
Condenser mounting	Fixed
Dimensions (W×D×H)	470×240×330 mm

Technical data - Power supply	
Power supply kind	Power adapter
Input Voltage	100 V - 240 V, 50 / 60 Hz
Power Plug	Hollow plug, positive terminal on the inside, outer diameter 5.5 mm, inner diameter 2.5 mm, length 10 mm
Protection Class	Class III - Low voltage
Cable attachment	Removable

Technical data - Environmental conditions	
Storage Temp Min	-5 °C

Stotage Temp Max	40 °C

Technical data - Packing & Shipping

Dimensions packaging (W×D×H)	500×420×300 mm
Gross weight	9 kg
Net weight	7 kg
Shipping method	Parcel service
Packaging component - by weight - cardboard	1.130 g
Packaging component - by weight - plastics	36 g
Packaging component - by weight - styrofoam	770 g
Delivery time	1 d

Technical data - Verification

WEEE	Yes

Technical data - Illumination

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

Functions

Standard

