KERN OLM 171

The inverted metallurgical microscope for professional applications



Article codes, product groups & Status information	
Model article-code	OLM 171
Model-Serie	OLM-1
Assortment	Microscopes & Optical Metrology
Product Type	Microscopes
Product group	Metallurgical microscopes
Product usage type	Main article
EAN code (Model)	4045761267602
Predecessor Model	OLM 171-2.022a
Planned start date	2023-2HJ
Customs tariff number	90118000
CE Label	Yes
Country of Origin	CN

Technical data - Primary	
Optical System	Infinity
Tube	Trinocular
Eyepiece	Eyepiece HWF 10x / Ø 22mm with anti-fungus, high eye point
Objective quality	Infinity Plan Semi Apochromatisch
Illumination	50W Halogen (Auflicht)

Technical data - Construction	
System	Inverse
Tube type	Siedentopf
Tube angle	45°
Nosepiece positions	5
Eye distance (max)	76 mm
Eye distance (min)	48 mm
Adjustable dioptre	Both-sided
Focusing mechanics	Coaxial coarse and fine drive
Fine drive minimum	0,002 mm
Table traveling distance	50 mm;50 mm
Condenser Type	Standard
Condenser mounting	Fixed
Dimensions (W×D×H)	747×271×379 mm

Technical data - Power supply	
Power supply kind	Built-in power supply
Input Voltage	100 - 240 V
Power Plug	Cold device cable
Protection Class	Protection class I - protective conductor
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)	660×610×350 mm
Gross weight	17 kg

Net weight	13 kg
Shipping method	Parcel service
Packaging component - by weight - paper	0 g
Packaging component - by weight - cardboard	2.999,81 g
Packaging component - by weight - plastics	28,224 g
Packaging component - by weight - styrofoam	999,936 g
Packaging component - by weight - foam	0 g
Delivery time	1 d

Technical data - Verification

WEEE	Yes

Technical data - Illumination

Illumination directions	Reflected light
Incident light type	Halogen
Incident light intensity	50 W
Dimmable	Incident light

Functions

Standard

