

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	Optics
Product Type	Microscopes
Product group	Metallurgical microscopes
Product usage type	Main article
EAN code (Model)	4045761267602
Predecessor Model	OLM 171-2022a
Planned start date	2023-2HJ
Customs tariff number	90118000
CE Label	Yes

Technical data - Primary

Optical System	Infinity
Tube	Trinocular
Eyepiece	Eyepiece HWF 10x / Ø 22mm with anti-fungus, high eye point
Illumination	50W Halogen (Auflicht)

Technical data - Construction

System	Inverse
Tube type	Siedentopf
Tube angle	30°
Nosepiece positions	5
Eye distance (max)	76 mm

Eye distance (min)	48 mm
Adjustable dioptré	Both-sided
Focusing mechanics	Coaxial coarse and fine drive
Fine drive minimum	0.002 mm
Table size	210×180 mm
Table traveling distance	50×50 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
Storage Temp Max	40 °C

Technical data - Packing & Shipping

Dimensions packaging (W×D×H)	660×590×325 mm
Gross weight	17 kg
Net weight	13 kg

KERN OLM 171

The inverted metallurgical microscope for professional applications



Shipping method Parcel service

Packaging component - by weight - paper

0 g

Packaging component - by weight - cardboard

2999.81 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

50W

Dimmable

Incident light

Functions

Standard

