

KERN OCM 161

The inverted biological laboratory microscope



Article codes, product groups & Status information

Model article-code	OCM 161
Model-Serie	OCM-1
Assortment	Microscopes & Optical Metrology
Product Type	Microscopes
Product group	Transmitted light microscopes
Product usage type	Main article
EAN code (Model)	4045761489738
Predecessor Model	OCM 161-2.020a; OCM 161-2.023a
Planned start date	2024-2HJ
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
Standard Objectives	10x;20x;40x;PH 20x
Objective quality	Infinity Plan
Illumination	30W Halogen (Durchlicht)

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	128 mm;180 mm
Condenser Type	Standard
Condenser aperture	0,3
Condenser mounting	Fixed
Dimensions (W×D×H)	660×600×335 mm

Technical data - Power supply

Power supply kind	Table power supply (separable)
Input Voltage	100 - 240 V 50 / 60 HZ 1,5
Power Plug	Hohlstecker, innen Plus, Ø außen 5.5 mm, Ø innen 2.5 mm, lang 10 mm
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

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Dimensions packaging (W×D×H)	660×590×325 mm
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Gross weight	17 kg
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Net weight	15 kg
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Shipping method	Parcel service
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Packaging component - by weight - paper	0 g
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Packaging component - by weight - cardboard	2.198,52 g
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Packaging component - by weight - plastics	20,685 g
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Packaging component - by weight - styrofoam	732,84 g
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Packaging component - by weight - foam	0 g
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Delivery time	1 d
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Technical data - Verification

WEEE	Yes
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Technical data - Illumination

Illumination directions	Transmitted light
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Transmitted light type	Halogen
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Transmitted light intensity	30 W
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Dimmable	Transmitted light
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Functions

Standard

