KERN OCM 168

The inverted biological laboratory microscope with fluorescence



Article codes, product groups & Status information	
Model article-code	OCM 168
Model-Serie	OCM-1
Assortment	Microscopes & Optical Metrology
Segment	Microscopes
Product group	Transmitted light microscopes
Product usage type	Main article
EAN code (Model)	4045761263536
Predecessor Model	OCM 168-2.022a
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
Standard Objectives	10x;20x;40x;PH 20x
Objective quality	Infinity Plan
Illumination	5W LED (transmitted light), 5W LED (reflected light)

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)	782×304×530 mm

Technical data - Power supply	
Power supply kind	Power adapter
Input Voltage	100 V - 240V AC 50/60Hz 0,3A
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
Stotage Temp Max	40 °C

Technical data - Packing & Shipping	
Dimensions packaging (W×D×H)	600×670×550 mm
Gross weight	24 kg
Net weight	17 kg
Shipping method	Parcel service
Packaging component - by weight - paper	0 g
Packaging component - by weight - cardboard	4,176 g
Packaging component - by weight - plastics	36 g
Packaging component - by weight - styrofoam	1,788 g
Packaging component - by weight - foam	0 g
Delivery time	1 d

Technical data - Verification	
WEEE	Yes

Technical data - Illumination	
Illumination directions	Reflected light;Transmitted light
Transmitted light type	LED
Transmitted light intensity	5 W
Incident light type	LED
Incident light intensity	5 W
Dimmable	Transmitted light

Functions

Standard

