## KERN OCM 168



## The inverted biological laboratory microscope - also with fluorescence



Category	
Brand	Optics
Product categoriy	Microscope
Product group	Inverted microscope
Product family	OCM-1
Approval	
CE mark	$\checkmark$
Construction	
Dimension (W×D×H)	782×304×530 mm
Optical system	Infinity
Tube type	Siedentopf
Tube type	Trinocular
Tube angle of inclination	45°
Lens quality	Infinity Plan
Standard objectives	10× 20× 40× PH 20×
Nosepiece screw-in locations	5
Centring eyepiece	1
Diopter adjustment	both-sided
Diopter adjustment [Min]	-5
Diopter adjustment [Max]	5
Contrasting methods	Bright field Phase contrast Fluorescent
Light distribution	100:0
Interpupillary distance [Max]	76 mm
Interpupillary distance [Min]	48 mm

Ocular	
Ocular field width	HWF
Eye point	High Eye Point
Ocular magnifications	10 x
Ocular visual field	22 mm
Ocular diameter	30 mm
Focussing	
Fine drive minimum	0,002 mm
Torque regulation	1
Field of view [Min]	0,55 mm
Field of view [Max]	2,2 mm
Focusing mechanism	coaxial coarse and fine drive
Illumination	
Illumination type incident light	LED
Illumination intensity incident light	5 W
Illumination intensity transmitted light	5 W
Illumination type transmitted light	LED
Illuminance	Reflected light Transmitted light
Illumination dimmable	Transmitted light
Field diaphragm	1
Aperture diaphragm	1
Filter possible	1
Power Supply	
Input voltage power supply / power [Max]	100 V - 240 V AC 50/6 Hz 0,3 A
Input voltage device / power [Max]	5 V, 1 A
Plug-in power supply type	Power adapter
Supplied power supply	Power supply unit
Plug-in power supply / adapter for countries - included with the delivery	EURO
Plug-in power supply / adapter for countries - optional	AUS UK US CH
Environmental conditions	
Environmental conditions	
Storage temperature [Min]	-5 °C

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Packing & Shipping	
Readability force [d] (N)	2 d
Dimensions packaging (W×D×H)	1050×590×330 mm
Net weight	21,968 kg
Shipping method	Freight
Net weight approx.	22 kg
Gross weight approx.	28 kg
Shipping weight	40,9 kg

Objective	
Objectives - Details	<ul> <li>Objective Infinity Plan 10</li> <li>x / 0,25 LWD, Fluor, anti-fungus</li> <li>Objective Infinity Plan 20</li> <li>x / 0,45 LWD, Fluor, anti-fungus</li> <li>PH-Objective Infinity Plan 20 x / 0,45 LWD, Fluor, anti-fungus</li> <li>Objective Infinity Plan 40</li> <li>x / 0,65 LWD, Fluor, anti-fungus</li> </ul>

## Pictograms

Objective

STANDARD

