

KERN OCM 167

The inverted biological laboratory microscope with fluorescence

KERN



Category

Brand	Optics
Product category	Microscope
Product group	Inverted microscope
Product family	OCM-1

Construction

Dimension (W×D×H)	782×304×530 mm
Optical system	Infinity
Tube type	Trinocular
Tube angle of inclination	45°
Tube type	Siedentopf
Light distribution	0:100
Contrasting methods	Bright field Phase contrast Fluorescent

Standard objectives	10× 20× 40× PH 20×
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Lens quality	Infinity Plan
Nosepiece screw-in locations	5
Interpupillary distance [Min]	48 mm
Interpupillary distance [Max]	76 mm
Diopter adjustment	both-sided
Diopter adjustment [Min]	-5
Diopter adjustment [Max]	5

Ocular

Ocular type	Eyepiece HWF 10 x / Ø 22mm with anti-fungus, high eye point
Ocular field width	HWF

Eye point	High Eye Point
Ocular magnifications	10 x
Ocular visual field	22 mm
Ocular diameter	30 mm

Objective

Objectives - Details	Objective Infinity Plan 10 x / 0,25 LWD, Fluor, anti-fungus Objective Infinity Plan 20 x / 0,45 LWD, Fluor, anti-fungus PH-Objective Infinity Plan 20 x / 0,45 LWD, Fluor, anti-fungus Objective Infinity Plan 40 x / 0,65 LWD, Fluor, anti-fungus
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Objectives magnifications	10 x / 20 x / 40 x
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Illumination

Illuminance	Reflected light Transmitted light
Illumination type incident light	LED
Illumination type transmitted light	LED
Illumination intensity incident light	5 W
Illumination intensity transmitted light	5 W
Illumination dimmable	Transmitted light
Filter possible	✓
Field diaphragm	✓

Focussing

Field of view [Min]	0,55 mm
Field of view [Max]	2,2 mm
Torque regulation	✓
Fine drive minimum	0,002 mm
Focusing mechanism	coaxial coarse and fine drive

Power Supply

Supplied power supply	Power supply unit
Plug-in power supply type	USB including power supply
Plug-in power supply / adapter for countries - included with the delivery	EURO
Plug-in power supply / adapter for countries - optional	EURO UK

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Input voltage power supply / power [Max]	100 V - 240 V AC 50/60 Hz 0,3 A
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Input voltage device / power [Max]	5 V 1000 mA
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Power socket for mains adapter	Hollow plug, inside plus, Ø outside 5,5 mm, Ø inside 2,5 mm, long 9,5 mm
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Environmental conditions

Storage temperature [Min]	-5 °C
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Storage temperature [Max]	40 °C
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Approval

CE mark	✓
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Packing & Shipping

Delivery time	1 d
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Dimensions packaging (W×D×H)	660×585×550 mm
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Shipping method	Parcel service
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Net weight approx.	16 kg
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Gross weight approx.	20 kg
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Shipping weight	42,5 kg
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Pictograms

STANDARD

