KERN OBN 148



The fluorescence microscope for the professional user



Category	
Brand	Optics
Product categoriy	Microscope
Product group	Fluorescence microscope
Product family	OBN-14
Approval	
CE mark	1
Construction	

Dimension (W×D×H)	530×220×490 mm
Optical system	Infinity
Tube type	Siedentopf
Tube type	Trinocular
Tube angle of inclination	30°
Tube 360° rotation	√
Lens quality	Infinity Plan
Standard objectives	4× 10× 20× 40× 100×
Nosepiece screw-in locations	5
Diopter adjustment	both-sided
Diopter adjustment [Min]	-5
Diopter adjustment [Max]	5
Contrasting methods	Bright field Darkfield (optional) Fluorescent Polarisation (optional) Phase contrast (optional)
Light distribution	100:0

Interpupillary distance [Mix]75 mmInterpupillary distance [Min]50 mmOcularS0 mmOcular field widthHWFOcular visual field20 mmOcular diameter23,2 mmFocussing0,002 mmFocussing0,002 mmFine drive minimum0,002 mmTorque regulation✓Field of view [Min]0,2 mmField of view [Max]5 mmFocusing mechanismcoaxial coarse and fine driveIllumination type incident lightHBOIllumination intensity incident light100 WIllumination intensity transmitted light20 WIllumination dimmableTransmitted lightField diaphragm✓Aperture diaphragm✓Aperture diaphragm✓Filter possible✓Filter possible✓Input voltage power supply / power [Max]100 - 240 VInput voltage device / power [Max]100 - 240 VPlug-in power supply / adapter for countries - included with the deliveryEUROPlug-in power supply / adapter for countries - optionalAUS UK US CHEnvironmental conditionsAUS UK US CH		
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1	Storage temperature [Min]	-5 °C
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KERN OBN 148

<u>KERN</u>

The fluorescence microscope for the professional user

Storage temperature [Max]	40 °C
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Packing & Shipping	
Readability force [d] (N)	1 d
Dimensions packaging (W×D×H)	500×440×500 mm
Net weight	15,978 kg
Shipping method	Parcel service
Net weight approx.	16 kg
Gross weight approx.	24 kg
Shipping weight	23 kg

Objective

Objective Infinity Plan 10 x / 0,25 anti-fungus Objective Infinity Plan 100 x / 1,25 oil, spring, anti-fungus Objective Infinity Plan 20 x / 0,4 spring, antifungus Objective Infinity Plan 4 x / 0,11 anti-fungus Objective Infinity Plan 40 x / 0,66 spring, antifungus

Pictograms

Objectives - Details

STANDARD



OPTION

