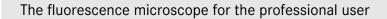
# KERN OBN 141







Category	
Brand	Optics
Product categoriy	Microscope
Product group	Fluorescence microscope
Product family	OBN-14

Approval	
CE mark	✓

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
	4×
	10×
Standard objectives	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 [Max]	75 mm
Interpupillary distance [Min]	50 mm
Colour temperature	6000 K

Ocular		
Ocular field width	HWF	
Ocular magnifications	10 x	
Ocular visual field	20 mm	
Ocular diameter	23,2 mm	

Focussing	
Fine drive minimum	0,002 mm
Torque regulation	✓
Field of view [Min]	0,2 mm
Field of view [Max]	5 mm
Focusing mechanism	coaxial coarse and fine drive

Illumination	
Illumination type incident light	LED
Illumination intensity incident light	3 W
Illumination intensity transmitted light	3 W
Illumination type transmitted light	LED
Illuminance	Reflected light Transmitted light
Field diaphragm	✓
Aperture diaphragm	✓
Koehler illumination	✓
Filter possible	✓

Power Supply	
Input voltage power supply / power [Max]	100 - 240 V
Input voltage device / power [Max]	100 - 240 V
Plug-in power supply type	Built-in power supply
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	EURO UK US CH

Environmental conditions

Storage temperature [Min] -5 °C

Storage temperature [Max] 40 °C

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## KERN OBN 141



The fluorescence microscope for the professional user

Packing & Shipping	
Readability force [d] (N)	1 d
Net weight	15,978 kg
Shipping method	Parcel service
Net weight approx.	16 kg
Gross weight approx.	24 kg
Shipping weight	23 kg

Objective	
Objectives - Details	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, anti-fungus Objective Infinity Plan 4 x / 0,11 anti-fungus Objective Infinity Plan 40 x / 0,66 spring, anti-fungus

## Pictograms

### **STANDARD**

















#### **OPTION**







