

KERN OBN 147

KERN

The fluorescence microscope for the professional user



Objectives magnifications	4 x / 10 x / 20 x / 40 x / 100 x
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Focussing

Field of view [Max]	5 mm
Torque regulation	✓
Focusing mechanism	coaxial coarse and fine drive

Illumination

Illumination	6 V, 20W Halogen (transmitted), 100W HBO (reflected)
Field diaphragm	✓
Aperture diaphragm	✓
Brand of light bulb	Philips
Illuminance	Reflected light Transmitted light
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 plug-in 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

Packing & Shipping

Readability force [d] (N)	1 d
Shipping method	Parcel service
Dimensions packaging (W×D×H)	970×440×345 mm
Net weight approx.	16 kg
Gross weight approx.	24 kg

Category

Brand	Optics
Product category	Microscopes
Product group	Transmitted light microscopes

Approval

CE mark	✓
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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	✓

Contrasting methods	Bright field Darkfield (optional) Fluorescent Polarisation (optional) Phase contrast (optional)
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Light distribution	100:0
Diopter adjustment [Min]	-5
Diopter adjustment [Max]	5
Diopter adjustment	both-sided
Interpupillary distance [Min]	50 mm
Interpupillary distance [Max]	75 mm

Ocular

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

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Piktogramme

STANDARD



OPTION

