

KERN OBL 156



High-quality phase contrast microscope – specially pre-configured with a series of options for flexible expansion



Category

Brand	Optics
Product category	Microscope
Product group	Compound microscope
Product family	OBL-15

Construction

Dimension (W×D×H)	394×185×377 mm
Optical system	Infinity
Tube type	Trinocular
Tube angle of inclination	30°
Tube 360° rotation	✓
Tube type	Siedentopf
Light distribution	20:80

Contrasting methods

Bright field
Darkfield (optional)
Phase contrast
Polarisation (optional)
Fluorescent (optional)

Standard objectives

4×
100×
PH 10×
PH 40×

Lens quality	Infinity E-Plan / Plan
Nosepiece screw-in locations	4
Interpupillary distance [Min]	50 mm
Interpupillary distance [Max]	75 mm
Diopter adjustment	one-sided
Diopter adjustment [Min]	-5
Diopter adjustment [Max]	5

Ocular

Ocular type	Eyepiece HWF 10 x / Ø 20mm with anti-fungus, high eye point
Ocular field width	HWF
Eye point	High Eye Point
Ocular magnifications	10 x
Ocular visual field	20 mm
Ocular diameter	23,2 mm

Objective

Objectives - Details	PH-Objective Infinity Plan 10 x / 0,25 anti-fungus Objective Infinity E-Plan 100 x / 1,25 oil, spring, anti-fungus Objective Infinity E-Plan 4 x / 0,1 anti-fungus PH-Objective Infinity Plan 40 x / 0,66 spring, anti-fungus
Objectives magnifications	4 x / 10 x / 40 x / 100 x

Illumination

Illuminance	Transmitted light
Illumination type incident light	none
Illumination type transmitted light	LED
Illumination intensity transmitted light	3 W
Illumination dimmable	Transmitted light
Filter possible	✓
Phase-contrast unit	PH condenser for single slot
Field diaphragm	✓

Focussing

Field of view [Min]	0,2 mm
Field of view [Max]	5 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	Power adapter

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Plug-in power supply / adapter for countries - included with the delivery EURO

Plug-in power supply / adapter for countries - optional AUS
UK
US
CH

Input voltage power supply / power [Max] 100 V - 240 V AC 50/60 Hz 0,3 A

Input voltage device / power [Max] 5 V, 1 A

Environmental conditions

Storage temperature [Min] -5 °C

Storage temperature [Max] 40 °C

Approval

CE mark ✓

Packing & Shipping

Delivery time 1 d

Dimensions packaging (W×D×H) 420×275×450 mm

Net weight 5,488 kg

Shipping method Parcel service

Net weight approx. 6 kg

Gross weight approx. 8 kg

Shipping weight 10,4 kg

Pictograms

STANDARD



OPTION

