

KERN OBL 127



The flexible laboratory assistant with infinity optical system and fixed, pre-centred Koehler illumination



Category

Brand	Optics
Product category	Microscope
Product group	Compound microscope
Product family	OBL-12

Construction

Dimension (W×D×H)	395×200×380 mm
Optical system	Infinity
Tube type	Binocular
Tube angle of inclination	30°
Tube 360° rotation	✓
Tube type	Siedentopf
Contrasting methods	Bright field Darkfield (optional) Polarisation (optional) Fluorescent (optional) Phase contrast (optional)

Standard objectives

Lens quality	Infinity E-Plan
Nosepiece screw-in locations	4
Interpupillary distance [Min]	50 mm
Interpupillary distance [Max]	75 mm
Dioptr adjustment	one-sided
Dioptr adjustment [Min]	-5
Dioptr adjustment [Max]	5
Colour temperature	6000 K

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	Objective Infinity E-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 Objective Infinity E-Plan 40 x / 0,65 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
Koehler illumination	✓
Filter possible	✓
Aperture diaphragm	✓
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

AUS

Plug-in power supply / adapter for countries - optional

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)

435×400×280 mm

Shipping method

Parcel service

Net weight approx.

7 kg

Gross weight approx.

8 kg

Shipping weight

9,7 kg

Pictograms

STANDARD



OPTION

