

KERN OBE 124

KERN

Elegant, dynamic and impressive - the all-round compound microscope for schools, training and laboratories



Ocular field width	HWF
Eye point	High Eye Point
Ocular magnifications	10x
Ocular visual field	18 mm
Ocular diameter	23,2 mm

Objective

Objectives - Details	Objective Achromatic 10x / 0,25 anti-fungus Objective Achromatic 4x / 0,1 anti-fungus Objective Achromatic 40x / 0,65 spring, anti-fungus
Objectives magnifications	4x / 10x / 40x

Category

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

Construction

Dimension (W×D×H)	360×150×320 mm
Optical system	Finite
Tube type	Trinocular
Tube angle of inclination	30°
Tube 360° rotation	✓
Tube type	Butterfly
Light distribution	20:80

Contrasting methods	Bright field Darkfield (optional)
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Standard objectives	4× 10× 40×
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Lens quality	achromatic
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Nosepiece screw-in locations	4
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Eyepieces fixed	✓
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Interpupillary distance [Min]	50 mm
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Interpupillary distance [Max]	75 mm
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Diopter adjustment	one-sided
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Diopter adjustment [Min]	-5
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Diopter adjustment [Max]	5
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Colour temperature	6000 K
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Ocular

Ocular type	Eyepiece HWF 10x / Ø 18mm with anti-fungus, high eye point
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Illumination

Illuminance	Transmitted light
Illumination type transmitted light	LED
Illumination intensity transmitted light	3 W
Illumination dimmable	Transmitted light
Filter possible	✓
Aperture diaphragm	✓

Focussing

Field of view [Min]	0,18 mm
Field of view [Max]	4,5 mm
Torque regulation	✓
Fine drive minimum	0,002 mm
Focusing mechanism	coaxial coarse and fine drive

Condensor

Condensor type	Abbe
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Power Supply

Supplied power supply	Power supply unit
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Power supply type	Power adapter
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Plug-in power supply / adapter for countries - included with the delivery	EURO
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Plug-in power supply / adapter for countries - optional	AUS
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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
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Power supply cable removable	removable
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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) 440×380×280 mm

Shipping method Parcel service

Net weight approx. 4,6 kg

Gross weight approx. 6 kg

Shipping weight 9,4 kg

Product information

GTIN/EAN number 4045761235984

REACH classification no prohibited substances

Pictograms

STANDARD



OPTION

