

# 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

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

Power Supply	
Supplied power supply	Power supply unit
Power supply type	Power adapter
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
Power supply cable removable	removable

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

Construction	
Dimension (WxDxH)	360x150x320 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)
Standard objectives	4x
	10x
	40x
Lens quality	achromatic
Nosepiece screw-in locations	4
Eyepieces fixed	✓
Interpupillary distance [Min]	50 mm
Interpupillary distance [Max]	75 mm
Diopter adjustment	one-sided
Diopter adjustment [Min]	-5
Diopter adjustment [Max]	5
Colour temperature	6000 K

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

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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

Shipping volume weight 9,4 kg

## Product information

GTIN/EAN number 4045761235984

Trade number 90118000

REACH classification no prohibited substances

## Pictograms

### STANDARD



### OPTION

