

# KERN OBE 131

# KERN

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



## Objective

Objectives - Details	Objective Achromatic 10x / 0,25 anti-fungus
	Objective Achromatic 100x / 1,25 oil, spring, anti-fungus
	Objective Achromatic 4x / 0,1 anti-fungus
	Objective Achromatic 40x / 0,65 spring, anti- fungus
Objectives magnifications	4x / 10x / 40x / 100x

## 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
	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
Power supply cable removable	removable
Input voltage device / power [Max]	5 V, 1 A

## Category

Brand	Optics
Product category	Microscope
Product group	Compound microscope
Product family	OBE-13

## Construction

Dimension (WxDxH)	360x150x320 mm
Optical system	Finite
Tube type	Monocular
Tube angle of inclination	30°
Contrasting methods	Bright field Darkfield (optional)
Standard objectives	4x 10x 40x 100x
Lens quality	achromatic
Nosepiece screw-in locations	4
Colour temperature	6000 K

## Ocular

Ocular type	Eyepiece HWF 10x / Ø 18mm with anti-fungus, high eye point
Ocular field width	HWF
Eye point	High Eye Point
Ocular magnifications	10x
Ocular visual field	18 mm
Ocular diameter	23,2 mm

# KERN OBE 131



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

## 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)	380×440×275 mm
Shipping method	Parcel service
Net weight approx.	4,6 kg
Gross weight approx.	6 kg
Shipping weight	9,2 kg

## Product information

GTIN/EAN number	4045761235991
Trade number	90118000
REACH classification	no prohibited substances

## Pictograms

### STANDARD



### OPTION

