

KERN OBE 132

KERN

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



Category

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

Construction

Dimension (W×D×H)	360×150×320 mm
Optical system	Finite
Tube type	Binocular
Tube angle of inclination	30°
Tube 360° rotation	✓
Tube type	Butterfly
Contrasting methods	Bright field Darkfield (optional)

Standard objectives	4× 10× 40× 100×
---------------------	--------------------------

Lens quality	achromatic
Nosepiece screw-in locations	4
Interpupillary distance [Min]	48 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
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 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

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

KERN OBE 132



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

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
------------------------------------	----------

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)	425×340×245 mm
------------------------------	----------------

Shipping method	Parcel service
-----------------	----------------

Net weight approx.	4,6 kg
--------------------	--------

Gross weight approx.	6 kg
----------------------	------

Shipping weight	7,1 kg
-----------------	--------

Product information

GTIN/EAN number	4045761236004
-----------------	---------------

REACH classification	no prohibited substances
----------------------	--------------------------

Pictograms

STANDARD



OPTION

