

KERN OBS 101



The school microscope – for the first steps in microscopy and for use in biology lessons



Category

Brand	Optics
Product category	Microscopes
Product group	Transmitted light microscopes

Approval

CE mark	✓
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Construction

Dimension (W×D×H)	130×300×310 mm
Optical system	Finite
Tube type	Monocular
Tube angle of inclination	45°
Tube 360° rotation	✓
Contrasting methods	Bright field
Eyepieces fixed	✓

Ocular

Ocular field width	WF
Ocular magnifications	10 x
Ocular diameter	23,2 mm
Ocular visual field	18 mm
Eye point	Standard
Objectives magnifications	4 x / 10 x / 40 x

Focussing

Field of view [Max]	4,5 mm
Focusing mechanism	coaxial coarse and fine drive

Illumination

Illumination	0,5W LED (transmitted)
Aperture diaphragm	✓
Illumination dimmable	Transmitted light
Illuminance	Transmitted light
Filter possible	✓

Power Supply

Input voltage power supply / power [Max]	100 - 240 V
Input voltage device / power [Max]	6 V, 500 mA
Plug-in power supply type	Power adapter
Supplied plug-in power supply	Battery & Power supply
Plug-in power supply / adapter for countries - included with the delivery	EURO
Plug-in power supply / adapter for countries - optional	EURO UK
Rechargeable battery charging time	10 h
Rechargeable battery operating time - backlight on	4 h
Battery	3×1.2V AA

Packing & Shipping

Readability force [d] (N)	1 d
Shipping method	Parcel service
Dimensions packaging (W×D×H)	420×280×215 mm
Net weight approx.	2,2 kg
Gross weight approx.	2,8 kg
UN number (hazardous goods)	3496

Piktogramme

STANDARD

