

Transmitted Light Microscope OBS-1, KERN

The school microscope

For the first steps in microscopy and for use in biology lessons.

Features:

- The KERN OBS-1 range is a solid and simple school microscope range, which is easy to use due to its intuitive control elements
- The infinitely dimmable 0.5 W LED guarantees optimum illumination of the samples and also ensures long service life. Mobile use is also no problem through the use of rechargeable batteries
- The simple 0.65 condenser lens with rotating aperture diaphragm disc on the OBS 101 ensures the very best concentration of light and illumination of the sample. The OBS 104 and OBS 106 models have a 1.25 Abbe condenser which is height-adjustable and can therefore be focussed and has an aperture diaphragm, which ensures the very best concentration of light
- To focus the object, all models have a coarse and fine focusing knob on both sides. The mechanical angle table enables you to work with the samples and move them rapidly (only for KERN OBS 106)

Technical data:

Finite optical system (DIN)

Revolving unit:

3-fold lens (OBS 101)

4-fold lens (OBS 104, OBS 106)

Tube:

45° (OBS 101) or

30° (OBS 104, 106) inclined / 360° rotatable

Dioptre compensation:

two-sided (binocular models)

Overall dimensions WxDxH:

130 × 300 × 310 mm

Net weight:

ca. 3 kg

	Model	Equipment	Order No.
①	OBS 101	Monocular, eyepiece WF 10×/Ø 18 mm, objective achromatic, 4×/10×/40×, 0.5 W LED (transmitting), table fixed	10 58 32101
②	OBS 104	Binocular, eyepiece WF 10×/Ø 18 mm, objective achromatic, 4×/10×/40×, 0.5 W LED (transmitting), table fixed	10 58 32104
③	OBS 106	Binocular, eyepiece WF 10×/Ø 18 mm, objective achromatic, 4×/10×/40×, 0.5 W LED (transmitting), table mechanical	10 58 32106



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