

Transmitted Light Microscopes, KERN

Transmitted light microscopes KERN OBE-1

Features:

- The KERN OBE-1 series is a range of high-quality, fully-equipped compound microscopes, which can't be beaten in terms of ease of use and ergonomic design
- The strong and continuously dimmable 3W LED guarantees optimum illumination of the samples and also ensures long service life. Mobile use of several models is also no problem through the use of rechargeable batteries
- The height-adjustable and thereby focusable 1.25 ABBE condenser with aperture diaphragm is a further quality feature of the OBE-1 series and ensures the very best concentration of light
- Height adjustment of the fully-equipped mechanical stage is carried out using a coarse and fine focusing knob on both sides. The ergonomically designed coaxial drive enables you to work with the samples and move them rapidly
- A large selection of different eyepieces, lenses, a simple polarisation unit and a dark field kit is also available
- A protective dust cover, eye cups, as well as multi-lingual user instructions are included in the scope of the delivery
- A C-mount adapter is required to connect a camera to the trinocular version.

Technical data:

Finite optical system (DIN)

Revolving unit:

4-fold lens

Siedentopf:

30° inclined / 360° rotatable

Dioptrre compensation:

one-sided (for binocular and trinocular models)

Overall dimensions WxDxH:

320 x 180 x 365 mm

Net weight:

approx. 5.5 kg

	Model	Equipment	Order No.
	OBE 101	Monocular, eyepiece WF 10x/Ø 18 mm, objective achromatic, 4x/10x/40x, 3W-LED (transmitting)	10 58 34101
①	OBE 102	Binocular, eyepiece WF 10x/Ø 18 mm, objective achromatic, 4x/10x/40x, 3W-LED (transmitting)	10 58 34102
	OBE 103	Binocular, eyepiece WF 10x/Ø 18 mm, objective achromatic, 4x/10x/40x, 3W-LED (transmitting), incl. batteries	10 58 34103
②	OBE 104	Trinocular, eyepiece WF 10x/Ø 18 mm, objective achromatic, 4x/10x/40x, 3W-LED (transmitting)	10 58 34104
③	OBE 111	Monocular, eyepiece WF 10x/Ø 18 mm, objective achromatic, 4x/10x/40x/100x, 3W-LED (transmitting)	10 58 34111
	OBE 112	Binocular, eyepiece WF 10x/Ø 18 mm, objective achromatic, 4x/10x/40x/100x, 3W-LED (transmitting)	10 58 34112
	OBE 113	Binocular, eyepiece WF 10x/Ø 18 mm, objective achromatic, 4x/10x/40x/100x, 3W-LED (transmitting), incl. batteries	10 58 34113
	OBE 114	Trinocular, eyepiece WF 10x/Ø 18 mm, objective achromatic, 4x/10x/40x/100x, 3W-LED (transmitting)	10 58 34114

Accessories

Article	Order No.
OBB-A1137 C-Mount 0.5x	10 58 31137
OBB-A1441 Plan 100x Water Lens	10 58 31441



Transmitted light microscopes KERN OBL

The flexible laboratory assistant with Infinity optical system and fixed, pre-centred Koehler illumination

Features:

- The OBL-1 series stands out through its Infinity optical unit and is therefore ideally suited for all transmitted illumination applications for the most demanding users. The robust and ergonomic stand base guarantees safe and comfortable working
- Depending on the application, there is a choice of models with strong, continuously dimmable 3 W LED or 20 W halogen illumination (Philips)
- The large mechanical stage and its specimen holder can hold two specimens simultaneously. Height adjustment is carried out quickly and conveniently using a coarse and fine focusing knob on both sides.
- The following optional accessory items are available: various eyepieces, lenses, a complete polarisation kit, a phase-contrast unit as well as complete HBO and LED fluorescence kits etc.
- A C-mount adapter is required to connect a camera to the trinocular version

Technical data:

Infinity optical system

Revolving unit:	4-fold lens
Siedentopf:	30° inclined / 360° rotatable
Dioptrre compensation:	one-sided
Overall dimensions WxDxH:	395 x 200 x 380 mm
Net weight:	approx. 6.7 kg

Model	Equipment	Order No.
OBL 125	Binocular, eyepiece WF 10x/Ø 20 mm, objective Infinity E-Plan, 4x/10x/40x/100x, 6 V/20 W Halogen (transmitting)	10 58 34125
OBL 127	Binocular, eyepiece WF 10x/Ø 20 mm, objective Infinity E-Plan, 4x/10x/40x/100x, 3 W LED (transmitting)	10 58 34127
OBL 135	Trinocular, eyepiece WF 10x/Ø 20 mm, objective Infinity E-Plan, 4x/10x/40x/100x, 6 V/20 W Halogen (transmitting)	10 58 34135
OBL 137	Trinocular, eyepiece WF 10x/Ø 20 mm, objective Infinity E-Plan, 4x/10x/40x/100x, 3 W LED (transmitting)	10 58 34137
OBL 145	Binocular, eyepiece WF 10x/Ø 20 mm, objective Infinity Plan, 4x/PH10x/PH40x/100x, 6 V/20 W Halogen (transmitting)	10 58 34145
④ OBL 155	Trinocular, eyepiece WF 10x/Ø 20 mm, objective Infinity Plan, 4x/PH10x/PH40x/100x, 6 V/20 W Halogen (transmitting)	10 58 34155

Accessories

Article	Order No.
OBB-A1135 C-Mount 0.47x	10 58 31135

