



OBE 104C825 / OBE 104C832
OBE 114C825 / OBE 114C832



OBE 104T241
OBE 114T241

EDUCATIONAL LINE

The fully-equipped all-round compound microscope as a comprehensive digital solution for schools, training and laboratories

Features

- The proven OBE range is now also available to you as a comprehensive digital solution for your live investigations. Optionally available with an adapted tablet or C-mount camera. Naturally, the appropriate C-mount adapter is included with the delivery.
- The KERN OBE 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 3 W 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 series and ensures the very best concentration of light
- The adapted KERN ODC 241 tablet-camera has been specially developed for simple, convenient and direct investigation of the sample on the screen. Ideally suited for school pupils and students in education or for demonstration purposes in the laboratory.
- The adapted C-mount camera is available in different versions and can be used anywhere.
- For detailed information on the individual components, see the relevant product description of the individual item.
- A large selection of different eyepieces and objectives, a simple polarising unit and a darkfield kit are available to you as accessories
- A protective dust cover, eye cups, as well as multi-lingual user instructions are included in the scope of the delivery

Technical Data Microscope OBE-1

- Finite optical system (DIN)
- Quadplex nosepiece
- Siedentopf 30° inclined/360° rotatable
- Diopter adjustment: One-sided
- Overall dimensions WxDxH 320x180x365 mm
- Net weight approx. 6,5 kg
- Eyepieces: HWF 10x/Ø 18 mm
- Objective quality: Achromatic
- Objectives (OBE 104): 4x/10x/40x
- Objectives (OBE 114): 4x/10x/40x/100x
- Illumination: 3W-LED (Transmitted)

Model	Standard configuration (Camera)				
	Included camera	Resolution camera	Interface	Sensor	Detailed information Microscope / Camera
KERN					
OBE 104C825 OBE 114C825	ODC 825	5 MP	USB 2.0 (6,8 - 55 FPS)	CMOS 1/2,5"	Kern Optics catalogue p. 11-12 / p. 84
OBE 104C832 OBE 114C832	ODC 832		USB 3.0 (14,2 - 101,2 FPS)		
OBE 104T241 OBE 114T241	ODC 241		WiFi, USB 2.0, HDMI, SD (15 - 30 FPS)		
					Kern Optics catalogue p. 11-12 / p. 87