



OBE-1 with camera

OBE-1 with tablet

OBF-1 with camera

OBF-1 with tablet

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

Features

- Laboratory microscopes from the OBE and OBF range are now also available to you as a comprehensive digital solution for your live investigations. Optionally available with an mounted tablet or C-mount camera. Naturally, the appropriate C-mount adapter is included with the delivery
- The mounted 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 mounted 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 protective dust cover, eye cups, as well as multi-lingual user instructions are included in the scope of the delivery

- Net weight approx. 5,5 kg
- Objective quality: Achromatic
- Objectives OBE 104: 4×/10×/40×
- Objectives OBE 114: 4×/10×/40×/100×
- Illumination: 3 W LED (transmitted)

Technical data

- Finite optical system
- Quadplex nosepiece
- Siedentopf 30° inclined/360° rotatable
- Diopter adjustment: One-sided
- Eyepiece: HWF 10×/ø 18 mm

OBE-1

- Overall dimensions W×D×H 320×180×365 mm

OBF-1

- Overall dimensions W×D×H 395×200×380 mm
- Net weight approx. 7,7 kg
- Objective quality OBF 131: Achromatic
- Objective quality OBF 132/133: Plan
- Objectives: 4×/10×/40×/100×
- Illumination OBF 131/132: 20 W Halogen (transmitted)
- Illumination OBF 133: 3 W LED (transmitted)

Model	Standard configuration (camera)					Price excl. of VAT ex works €
	Included camera	Resolution camera	Interface	Sensor	Details microscope, camera	
KERN						
OBE 104C825	ODC 825	5 MP	USB 2.0 (6,8 - 55 FPS)	CMOS 1/2,5"	KERN Optics catalogue Page 13, 85	1040,-
OBE 114C825						1100,-
OBE 104C832	ODC 832	5 MP	USB 3.0 (14,2 - 101,2 FPS)	CMOS 1/2,5"		1180,-
OBE 114C832						1230,-
OBE 104T241	ODC 241	5 MP	WLAN, USB 2.0, HDMI, SD (15 - 30 FPS)	CMOS 1/2,5"	KERN Optics catalogue Page 13, 89	1650,-
OBE 114T241						1700,-
OBF 131C825*	ODC 825	5 MP	USB 2.0 (6,8 - 55 FPS)	CMOS 1/2,5"	www.kern-sohn.com, KERN Optics catalogue Page 85	1280,-
OBF 132C825*						1390,-
OBF 133C825*	ODC 832	5 MP	USB 3.0 (14,2 - 101,2 FPS)	CMOS 1/2,5"	www.kern-sohn.com, KERN Optics catalogue Page 85	1370,-
OBF 131C832*						1430,-
OBF 132C832*	ODC 832	5 MP	USB 3.0 (14,2 - 101,2 FPS)	CMOS 1/2,5"	www.kern-sohn.com, KERN Optics catalogue Page 85	1540,-
OBF 133C832*						1520,-
OBF 131T241*	ODC 241	5 MP	WLAN, USB 2.0, HDMI, SD (15 - 30 FPS)	CMOS 1/2,5"	www.kern-sohn.com, KERN Optics catalogue Page 89	1860,-
OBF 132T241*						1970,-
OBF 133T241*						1950,-

* ONLY WHILE STOCKS LAST