



OBF 131C825 / OBF 131C832  
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OBF 131T241  
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**LAB LINE**

The digital compound microscope for every laboratory with fixed, pre-centred Köhler illumination

**Features**

- Laboratory microscopes from the OBF range are 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 OBF models are excellent, stable laboratory microscopes for all common routine applications. A central feature of this adaptable, robust microscope series is the stable mechanism which can be adjusted precisely.
- Depending on the application, there is a choice of models with strong, continuously dimmable 3 W LED or 20 W halogen illumination (Philips).
- The fixed, pre-centred and focusable 1,25 Abbe condenser with aperture diaphragm and field diaphragm gives you a simplified Koehler illumination, without having to move the centre.

- 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 eyepieces, objectives and colour filters as well as a darkfield condenser and a simple polarising unit 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 delivery.

**Technical Data Microscope OBF-1**

- Finite optical system (DIN)
- Quadplex nosepiece
- Siedentopf 30° inclined/360° rotatable
- Diopter adjustment: One-sided
- Overall dimensions W×D×H 395×200×380 mm
- Net weight approx. 7,7 kg
- Eyepieces: HWF 10×/Ø 18 mm
- Objective quality (OBF 131): Achromatic
- Objective quality (OBF 132/133): Plan
- Objectives: 4×/10×/40×/100×
- Illumination (OBF 131/132): 6V/20W-Halogen (Transmitted)
- Illumination (OBF 133): 3W-LED (Transmitted)

Model	Standard configuration (Camera)				
	Included Camera	Resolution Camera	Interface	Sensor	Detailed information Microscope / Camera
<b>KERN</b>					
<b>OBF 131C825</b>	ODC 825	5 MP	USB 2.0 (6,8 - 55 FPS)	CMOS 1/2,5"	Kern Optics catalogue p. 14-15 / p. 84
<b>OBF 132C825</b>					
<b>OBF 133C825</b>					
<b>OBF 131C832</b>	ODC 832	5 MP	USB 3.0 (14,2 - 101,2 FPS)	CMOS 1/2,5"	Kern Optics catalogue p. 14-15 / p. 87
<b>OBF 132C832</b>					
<b>OBF 133C825</b>					
<b>OBF 131T241</b>	ODC 241	5 MP	WiFi, USB 2.0, HDMI, SD (15 - 30 FPS)	CMOS 1/2,5"	Kern Optics catalogue p. 14-15 / p. 87
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