



OBN 132C825 / OBN 132C832
OBN 135C825 / OBN 135C832



OBN 132T241
OBN 135T241

PROFESSIONAL LINE

Professionalism and versatility united in one microscope – with Köhler illumination and documentation

Features

- The professional, flexible OBN 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 OBN series stands out because of its unbeatable and consistently high quality and its ergonomic design. The range of modular components means that the OBN series can be individually customised for the professional user.
- Depending on the application, there is a choice of models with strong, continuously dimmable 3 W LED or 20 W halogen transmitted illumination (Philips)
- This series has a professional Köhler illumination unit with an adjustable field diaphragm as well as a height-adjustable 1,25 Abbe condenser which can be centred and which has an adjustable aperture diaphragm

- 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 OBN-1

- Infinity optical system
- Quintuple nosepiece
- Siedentopf 30° inclined/360° rotatable
- Diopter adjustment: Both-sided
- Overall dimensions W×D×H 390×200×400 mm
- Net weight approx. 10 kg
- Eyepieces: HWF 10×/Ø 20 mm
- Objective quality: Infinity Plan
- Objectives: 4×/10×/20×/40×/100×
- Illumination (OBN 132): 6V/20W-Halogen (Transmitted)
- Illumination (OBN 135): 3W-LED (Transmitted)

Model	Standard configuration (Camera)				
	Included Camera	Resolution Camera	Interface	Sensor	Detailed information Microscope / Camera
KERN					
OBN 132C825 OBN 135C825	ODC 825	5 MP	USB 2.0 (6,8 - 55 FPS)	CMOS 1/2,5"	Kern Optics catalogue p. 22-23 / p. 84
OBN 132C832 OBN 135C832	ODC 832		USB 3.0 (14,2 - 101,2 FPS)		
OBN 132T241 OBN 135T241	ODC 241		WiFi, USB 2.0, HDMI, SD (15 - 30 FPS)		
					Kern Optics catalogue p. 22-23 / p. 87