



OBL 135C825 / OBL 135C832
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OBL 135T241
OBL 137T241

LAB LINE

The digital laboratory assistant with infinity optics and fixed, pre-centred Köhler illumination

Features

- The high-performance OBL 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 OBL series stands out through its infinity optical unit and is therefore ideally suited for all demanding transmitted illumination applications. 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 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.
- Detaillierte Informationen zu den einzelnen Bestandteilen finden Sie in der jeweiligen Produktbeschreibung des Einzelartikels.
- 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 OBL-1

- Infinity optical system
- Quadplex nosepiece
- Siedentopf 30° inclined/360° rotatable
- Diopter adjustment: One-sided
- Overall dimensions WxDxH 395x200x380 mm
- Net weight approx. 7,7 kg
- Eyepieces: HWF 10x/Ø 20 mm
- Objective quality: Infinity E-Plan
- Objectives: 4x/10x/40x/100x
- Illumination (OBL 135): 6V/20W-Halogen (Transmitted)
- Illumination (OBL 137): 3W-LED (Transmitted)

Model	Standard configuration (Camera)				
	Included Camera	Resolution Camera	Interface	Sensor	Detailed information Microscope / Camera
KERN					
OBL 135C825	ODC 825	5 MP	USB 2.0 (6,8 - 55 FPS)	CMOS 1/2,5"	Kern Optics catalogue p. 16-17 / p. 84
OBL 137C825			USB 3.0 (14,2 - 101,2 FPS)		
OBL 135C832	ODC 832				
OBL 137C832			WiFi, USB 2.0, HDMI, SD (15 - 30 FPS)		Kern Optics catalogue p. 16-17 / p. 87
OBL 135T241	ODC 241				
OBL 137T241					