

Digital microscope set OBE 134T241 KERN & SOHN



Product in eShop

Home / [Labortops_Q1_2025](#) / Digital microscope set OBE 134T241 KERN & SOHN

Product Data

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

- Laboratory microscopes from the OBE 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
- A protective dust cover, eye cups, as well as multi-lingual user instructions are included in the scope of delivery

OBE 134

- The KERN OBE 134 stands out through its exclusive, dynamic device, which is second to none in terms of sturdy construction and ergonomics. The clever storage compartment on the back will enables quick practical storage for your power cable. Thanks to the USB connection technology, it is also possible to supply power using an external powerbank
- The impressive, infinitely dimmable 3W LED guarantees bright illumination of your sample
- A further highlight is the Butterfly tube which is integrated as standard and which enables you to achieve the ideal viewing angle. The height-adjustable and thereby focusable 1.25 Abbe condenser with aperture diaphragm is a further quality feature of the OBE range and guarantees the very best concentration of light
- Height adjustment of the fully-equipped mechanical stage is carried out using a coarse and

fine focusing knob on both sides. The ergonomically designed coaxial drive enables you to work with the samples and move them rapidly

ODC 241

- As well as a live transfer of the image to the Android tablet, the integrated 5-MP camera also means that images and videos can be created for the documentation. Simple measuring functions, such as, for example, functions for measuring distance, surfaces and angles as well as a manual counting function are also available
- Automatic white balance and automatic contrast adjustment can be performed quickly and easily, which enables efficient working procedures
- A range of additional functions are provided through the integrated interfaces, such as, for example
 - Data storage on a USB stick or SD card
 - Connection to a USB mouse
 - Transfer of the live image to an external screen using HDMI
 - Transfer of stored data to external receivers using WiFi
- The delivery includes the tablet camera with pre-installed software as well as the power pack

Technical Data

- Optical system: Finite
- Tube type: Trinocular
- Ocular magnifications: 10 x
- Ocular visual field: 18 mm
- Standard objectives: 4x, 10x, 40x, 100x
- Lens quality: achromatic
- Nosepiece screw-in locations: 4
- Illuminance: Transmitted light
- Illumination type transmitted light: LED
- Illumination intensity transmitted light: 3 W
- Illumination type incident light: none
- Focusing mechanism: coaxial coarse and fine drive
- Fine drive minimum: 0,002 mm
- Display resolution: 2048x1536
- Camera - Sensor type: Sony CMOS
- Camera - Colour depth: Colour
- Camera - Sensor size: 1/2,8"
- Camera - Resolution: 5 MP
- Interfaces: WiFi standard, USB 2.0, HDMI, MicroSD card slot
- Camera - Framerate: 30 fps
- Dimension (WxDxH): 360x235x540 mm

Item No.	type no.	Price
17.1375.15	OBE 134T241	CHF 2'551.50

* The prices are non-binding and are to be understood as selling prices in Swiss francs without value added tax (VAT), as well as all other fees, charges and taxes. The prices displayed in the eShop may differ from the PDF file due to regular updates.

** Please note that when ordering chemicals and detergents, transport and packaging costs for hazardous goods as well as legally prescribed fees are charged. These will be shown in detail on the order confirmation, which you will receive in addition to the confirmation of receipt.

*** Further information such as technical information and safety data sheets can be found online in our eShop.

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