

Video microscope KERN OIV-3



NEW



Zoom wheel with click-stop

The beginner's video microscope with the simplest handling for applications of all kinds

Features

- The Kern OIV-2 is a video microscope which has been constructed to optimise digital stereo microscopy. Our well-conceived, comprehensive solution with axial optical unit enables immediate, simple display of your samples on the screen.
- The LED incident illumination unit (ring) included as standard guarantees the very best illumination of your sample.
- Combined with the large working surface, recording objects on the screen is ideally suited for monitoring, analysis and documentation in industrial environments.
- The excellent optical unit enables continuous sharp image tracking across the entire zoom range from 0,7×-4,5×
- The powerful 5.0 megapixel camera of the microscope without eyepieces offers, thanks to the HDMI output, smooth live monitoring of your samples from the HD monitor. In addition, the software which is easy to use, the USB stick as well as the USB mouse which are integral components of the delivery, mean you can process and store your results digitally.
- An additional HDMI interface makes it possible to connect an external monitor and thus enable live observation on two devices operated in parallel
- A special feature of this microscope series are the zoom wheels with integrated click-stop. This offers precise selection of the magnification level and supports the user in calibrating the documentation functions in the software
- A protective dust cover, as well as multi-lingual user instructions are included in the scope of the delivery

Technical data

- Optical system: Axial
- Brightness adjustable
- Screen: 12", 1920×1080 HD, -5°- 90° inclination
- Magnification ratio: 6,4:1
- Stand: arm curved
- Illumination: 3 W LED ring (incident)
- Data storage: External using USB (Max 128 GB)
- Working distance: 100 mm
- Maximum sample height: 110 mm
- Overall dimensions W×D×H 260×320×450 mm
- Net weight approx. 4,4 kg

Accessories

- Auxiliary objectives on request

STANDARD



Model	Standard configuration					
	Resolution camera	Interface	Sensor	Field of view mm	Objective Zoom	Software functions
KERN						
OIV 345	5 MP	HDMI (60 FPS)	CMOS 1/2,8"	∅ 29,82-4,18	0,7×-4,5×	Images and videos, documentation