The entry level video microscope with bright image reproduction and intuitive operation

NEW: KERN OIV 355 Stand with combined incident- and transmitted-light illumination

KERN OIV 901: Universal stands with hinged arm for clamping onto the edge of the bench

KERN OIV 902: Universal stands with hinged arm for screw onto a bench surface

Video Microscope KERN OIV-3 · OIV-9

Features

- The KERN OIV-3 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 0,7x - 4,5x
- The high-quality display made from toughened glass is easy to clean due to the absence of edges
- The intuitive software and wireless USB mouse, both included with delivery, make it possible for you to easily process your results digitally and store them
- Using an HDMI interface it is possible to connect an additional monitor and in this way you can observe two devices operated in parallel in real time
- The image can be viewed on the PC using a USB connection. The software required for this also offers the option of carrying out measurements. It is available for download (see *internet* S-Viewer microscope camera software)

- A special feature of this microscope range are the zoom wheels with integrated click stop. These offer precise selection of magnification levels and support the user when calibrating the documentation functions in the software
- The video microscope has one HDMI and two USB 2.0 interfaces as well as a micro SD card slot
- A protective dust cover, a USB stick (32 GB), a wireless USB mouse as well as multi-lingual user instructions are included in the delivery
- Menu languages: DE, EN, FR, IT, RU, JA, ZH

NEW: KERN OIV 355

- Combined incident- and transmitted-light illumination: The transmitted-light LED integrated in the stand supplements the incident-light illumination for flexible sample illumination

KERN OIV-9

- The integrated universal stands with hinged arm enable flexible working with the most varied samples, even with greater working distances. In addition, the microscope can be pushed to the side if necessary, to create space
- KERN OIV 901: Universal stands with hinged arm for clamping: The user simply attaches the microscope to the edge of a bench using the clamping device delivered with the product
- KERN OIV 902: Universal stands with hinged arm for screw onto a bench surface. Hole required

Technical data

- Optical system: Axial
- Screen: 12", 1920×1080 HD, -5° – 90° inclination
- Magnification ratio 6,4:1
- Frame rate: 60 fps
- Camera resolution: 5 MP
- Stand: mechanical
- Illumination infinitely dimmable
- Data storage: External using USB (Max 32 GB)
- Working distance: 100 mm
- KERN OIV-9: Length Jointed arm
- KERN OIV-9: Column height 470 mm
- Overall dimensions W×D×H
  KERN OIV-3: 320×260×450 mm
  KERN OIV-9: 320×260×450 mm
- Net weight
  KERN OIV-3: approx. 4,4 kg
  KERN OIV-9: approx. 4,4 kg

Scope of application

- Quality control
- Material testing
- Electronics and semiconductor industry
- Training
- Research
- Mineralogy
- Tissue preparation
- Detection of parasites

STANDARD

OIV 355

Model	Resolution camera	Objective Zoom	Interface	Illumination	Stand
KERN					
OIV 345	5 MP	0,7x - 4,5x	USB 2.0, HDMI, MicroSD card slot (60 fps)	3 W LED (incident)	Stand with base plate
OIV 355 NEW	5 MP	0,7x - 4,5x	USB 2.0, HDMI, MicroSD card slot (60 fps)	3 W LED (incident), 5 W LED (transmitted)	Stand with base plate
OIV 901	5 MP	0,7x - 4,5x	USB 2.0, HDMI, MicroSD card slot (60 fps)	3 W LED (incident)	Universal hinge arm with clamp
OIV 902	5 MP	0,7x - 4,5x	USB 2.0, HDMI, MicroSD card slot (60 fps)	3 W LED (incident)	Universal hinge arm with screws

NEW New model