PROFESSIONAL MEASURING
SINCE 1844

KERN

Product brochure

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KERN OIV 254

The comprehensive digital solution for increased working comfort when carrying out continuous monitoring work in industry

ENGLISH

CONTACT

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FEATURES

- The KERN OIV 254 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 – 5x
- The powerful 2 MP 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
- With the OIV 254 model, there is the option of image documentation at the push of a button, without having to detour via the software
- A protective dust cover, as well as multi-lingual user instructions are included in the scope of delivery

MAIN SCOPE OF APPLICATIONS

- Quality control
- material testing
- Electronics and semiconductor industry
- Training
- Research
- Mineralogy
- tissue preparation
- detection of parasites

TECHNICAL DATA

- Optical system: Axial
- LCD Screen: 12", 1920×1080 HD, -5° - 15° inclination
- Magnification ratio: 7,1:1
- Stand: mechanical
- Illumination: 2 W LED ring (Reflected light)
- Brightness adjustable
- Data storage: External using USB (Max 128 GB)
- Working distance: 105 mm
- Maximum sample height: 100 mm
- Overall dimensions W×D×H 320×260×483 mm
- Net weight approx. 6 kg

PICTOGRAMS

Standard

ACCESSORIES

Model	Description
822-903	Power cord (UK) 822-903
MLB-A09	Power cord (US) MLB-A09
OCS-A1101	Cleaning liquid OCS-A1101
OCS 901	Cleaning set for microscopes OCS 901
OZB-A2101	Auxiliary objective OZB-A2101
YKK-01	Power cord (CH) YKK-01

KERN Pictogram Overview

	LED illumination: Cold, energy saving and especially long-life illumination
	Incident illumination: For non-transparent objects
	Zoom magnification: For stereomicroscopes
	Data Interface USB: For connection to printers, PCs or other peripheral devices
	HDMI digital camera: For direct transmitting of the picture to a display device
	Plug-in power supply: 230V/50Hz in standard version for EU, CH. On request GB, USA or AUS version available
	Package shipment by courier service: The duration of internal product provision is one day

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