PROFESSIONAL MEASURING
SINCE 1844

KERN

Product brochure

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KERN OIV 901

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

ENGLISH

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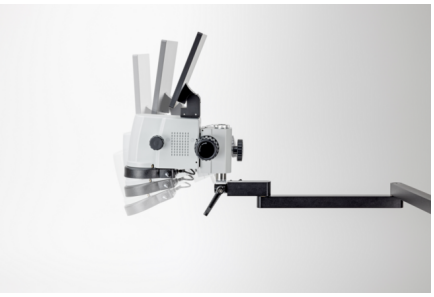

FEATURES

- The KERN OIV-9 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
- The excellent optical unit enables continuous sharp image tracking across the entire zoom range from 0,7x – 4,5x
- The integrated display has a scaling factor of 22,8, which means that the displayed total magnification is 15,96x – 102,6x
- The powerful 5.0 megapixel camera of the microscope without eyepiece has a high level of colour reproduction and offers smooth live monitoring of your samples using the HD monitor
- The high-quality display made from toughened glass is easy to clean due to the absence of edges
- 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
- 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
- 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 and analysed on a PC or laptop using a USB connection. The required software S-VIEWER is available to download free of charge
- 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

MAIN SCOPE OF APPLICATIONS

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

TECHNICAL DATA

- Column height: 470 mm
- Length Jointed arm: 755 mm
- Overall dimensions W×D×H 320×260×450 mm
- Net weight approx. 14 kg

PICTOGRAMS

Standard

ACCESSORIES

Model	Description
822-903	Power cord (UK) 822-903
MLB-A09	Power cord (US) MLB-A09
OBB-A3225	Auxiliary objective OBB-A3225
OBB-A3226	Auxiliary objective OBB-A3226
OBB-A3227	Solder protection lens OBB-A3227
OBB-A3237	USB interface cable OBB-A3237
OBB-A3240	Auxiliary objective OBB-A3240
OCS-A1101	Cleaning liquid OCS-A1101
OCS 901	Cleaning set for microscopes OCS 901
ODC-A2404	Calibration slide ODC-A2404
OZB-A5306	Holder for stereomicroscope stand OZB-A5306

Model	Description
YKK-01	Power cord (CH) YKK-01

SOFTWARE

Model	Description
OXM 904	KERN microscope software OXM 904 S-VIEWER

KERN Pictogram Overview

	LED illumination: Cold, energy saving and especially long-life illumination
	Incident illumination: For non-transparent objects
	Zoom magnification: For stereomicroscopes
	For data storage on a microSD card
	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