PROFESSIONAL MEASURING
SINCE 1844

KERN

Product brochure

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KERN OCM 162T251

Digital set with microscope, 4K camera and C-mount adapter for convenient observation and precise documentation of the sample

ENGLISH



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FEATURES

- The KERN ODC 251 microscope tablet camera is now also available as a complete digital solution in a practical set with microscope and matching C-mount adapter

OCM 162

- The OCM range stands out through its design which is ergonomic, robust and extremely stable. This design, with its large working distance, is particularly suitable for the monitoring and analysis of cell cultures, for example
- A 5W LED illumination unit ensures the optimum illumination in the bright field of your samples
- A special Abbe N.A. 0.3 condenser with aperture diaphragm and large working distance of 72 mm guarantees the very best working practise in the bright field and with fluorescence applications
- The mechanical stage including specimen holder (⌀ 110 mm) means that you can work quickly and effectively. Further brackets for petri dishes are included with delivery or available as accessories

ODC 251

- The KERN ODC 251 microscope tablet camera consists of an Android tablet with a 10.5" HD touch display in combination with an 8 MP camera. It is intuitive to use and is suitable for all trinocular microscopes with a C-mount adapter
- The KERN tablet cameras have been specially developed for simple, direct monitoring of samples on the screen, whether used in the laboratory, in quality testing or in training and studying
- The integrated high-performance camera has an 8 MP image sensor with a sensor size of 1/1.8" and is able to record videos with a resolution of 4K. In this way, as well a live transfer of the image to the Android table, high-resolution images and videos can also be created for the documentation. Measuring functions, such as, for example, functions for measuring distance and surfaces 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
  - Connection to a USB mouse
  - Transfer of the live image to an external screen using HDMI
  - Transfer of stored data to a computer via USB data cable

MAIN SCOPE OF APPLICATIONS

- Research and breeding of cell cultures and tissue cultures

PICTOGRAMS

Standard



ACCESSORIES

Model	Description
OBB-A1389	Protective dust cover OBB-A1389 (700×900 mm)

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Model	Description
OBB-A1500	PH slider universal OBB-A1500
OBB-A1503	Object holder (Ø 110 mm) OBB-A1503
OBB-A1505	Holder for culture dish (65 mm) OBB-A1505
OBB-A1506	Holder for culture dish (54 mm) OBB-A1506
OBB-A1507	Holder for culture dish (35 mm) OBB-A1507
OBB-A1510	Filter Blue OBB-A1510
OBB-A1511	Filter Green OBB-A1511
OBB-A1513	Filter Grey OBB-A1513
OBB-A1514	C-Mount camera adapter OBB-A1514 (1x)
OBB-A1515	C-Mount camera adapter OBB-A1515 (0,5x)
OBB-A1516	100 W HBO Fluorescent Unit (B / G) OBB-A1516
OBB-A1523	Eyepiece OBB-A1523 (Ø | HWF 10x | Ø 22 mm | with scale 0,1 mm)
OBB-A1544	Centering Eyepiece OBB-A1544
OBB-A1590	Microscope Camera Adapter OBB-A1590 (0,75x)
OBB-A1600	Objective 4x (Infinity Plan) OBB-A1600
OBB-A1604	Infinity PH-Plan-objective 4x OBB-A1604
OBB-A1605	Infinity PH-Plan-objective 10x OBB-A1605
OBB-A1607	Infinity PH-Plan-objective 40x OBB-A1607
OBB-A1608	PH slider 4× OBB-A1608
OBB-A1630	100W LED fluorescent unit (B / G) OBB-A1630
OBB-A1631	3W LED fluorescent unit (B / G) OBB-A1631
OBB-A1632	3W LED fluorescent unit (B / G / V / UV) OBB-A1632
OBB-A1656	Infinity planachromatic objective 2x /0,06 W.D. (7,2 mm) OBB-A1656
OCS-A1101	Cleaning liquid OCS-A1101
OCS 901	Cleaning set for microscopes OCS 901
ODC-A2404	Calibration slide ODC-A2404
ODC 241	Tablet microscope camera ODC 241 (5 MP, WiFi, USB 2.0, MicroSD, Wireless data transfer, HDMI Micro)
ODC 251	Tablet microscope camera ODC 251 (8 MP 4 K, Ethernet, WiFi, USB 2.0, USB 3.0, HDMI, Wireless data transfer)
ODC 825	Microscope camera ODC 825 (5,1 MP, USB 2.0)
ODC 832	Microscope camera ODC 832 (5,1 MP, USB 3.0)

Model	Description
ODC 841	Microscope camera ODC 841 (Sony CMOS, 1", USB 3.0)
ODC 854	Microscope camera ODC 854 (8 MP 4 K, USB 2.0, USB 3.0, HDMI)
YKA-02	Travel adapter YKA-02

KERN Pictogram Overview

	Trinocular Microscope: For the inspection with both eyes and the additional option for the connection of a camera
	Abbe Condenser: With high numerical aperture for the concentration and the focusing of light
	LED illumination: Cold, energy saving and especially long-life illumination
	Phase contrast unit: For a higher contrast
	Infinity system: Infinity corrected optical system
	Data Interface USB: For connection to printers, PCs or other peripheral devices
	Data interface Bluetooth: For connection to printers, PCs or other peripheral devices
	Data interface WiFi: For data transfer to printers, PCs or other peripheral devices
	Network interface: For connecting the measuring device to an Ethernet network
	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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