

## Stereo microscope sets KERN OZM-9





Predefined stereo microscope sets with PREMIUM universal stand and illumination for your functional workplace

## Features

- · Sets which have already been defined, consisting of a stereo microscope head (p. 79), a universal stand (p. 84/85), a holder (p. 86), a ring illumination (p. 88) and a dust cover (p. 86) from our range • Simple - convenient - affordable
- This saves you spending time on configuration and being spoilt for choice in the combination of different components. In this way you get an in expensive and highly-flexible solution for your microscope workplace

Model Microscope head Stand Holder Illumination Tube Objective KERN Zoom With coarse focusing knob Binocular Telescopic arm with plate 4,5 W LED ring light OZM 912  $0.7 \times -4.5 \times$ Adjustable torque of the hand wheels (OZM 546) (OZB-A5201) (OBB-A6102) (OZB-A5301) With coarse focusing knob Trinocular (OZM 547) Telescopic arm with plate 4,5 W LED ring light OZM 913 0,7×-4,5× Adjustable torque of the hand wheels (OBB-A6102) (OZB-A5201) (OZB-A5301) ball-beared double With coarse focusing knob Binocular 4,5 W LED ring light Adjustable torque of the hand wheels OZM 932 0,7×-4,5× telescopic arm with plate (OZM 546) (OBB-A6102) (OZB-A5203) (OZB-A5301) ball-beared double With coarse focusing knob Trinocular 4,5 W LED ring light OZM 933 0,7×-4,5× telescopic arm with plate Adjustable torque of the hand wheels (OZM 547) (OBB-A6102) (OZB-A5203) (OZB-A5301) With coarse focusing knob 4,5 W LED ring light Binocular Jointed arm with clamp OZM 952 Adjustable torque of the hand wheels 0,7×-4,5× (OZM 546) (OBB-A6102) (OZB-A5212) (OZB-A5301) With coarse focusing knob Jointed arm with clamp 4,5 W LED ring light Trinocular OZM 953 0,7×-4,5× Adjustable torque of the hand wheels (OZM 547) (OZB-A5212) (OBB-A6102) (OZB-A5301) 4,5 W LED ring light Spring loaded arm with Binocular With coarse focusing knob OZM 982 0,7×-4,5× (OZM 546) clamp (OZB-A6302) Adjustable torque of the hand wheels (OBB-A6102) Trinocular 4,5 W LED ring light Spring loaded arm with With coarse focusing knob OZM 983 0,7×-4,5× (OZM 547) clamp (OZB-A6302) Adjustable torque of the hand wheels (OBB-A6102)

## **KERN OPTICS CATALOGUE 2021**



360° rotatable Q microscope head



360°

Monocular Microscope For the inspection with one eye



**Binocular Microscope** For the inspection with both eyes

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



Halogen illumination For pictures bright and rich in contrast



LED illumination Cold, energy-saving and especially long-life illumination



Incident illumination For non-transparent objects



Transmitting illumination For transparent objects



Fluorescence illumination For stereomicroscopes



Fluorescence illumination for compound microscopes





With 100W mercury lamp and filter



Fluorescence illumination for compound microscopes With 3 W LED illumination and filter



Phase contrast unit For a higher contrast



Darkfield condenser/unit For a higher contrast due to indirect illumination



Polarising unit To polarise the light



Infinity system Infinity corrected optical system

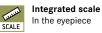


PARALLEL

Zoom magnification For stereomicroscopes



Parallel optical system For stereomicroscopes, enables fatigue-proof working



SD card For data storage



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USB 3.0

USB 2.0 digital camera For direct transmitting of the picture to a PC USB 2.0



1 DAY

Package shipment

Power supply

The time required to manufacture the product internally is shown in days in the pictogram

## Abbreviations

| C-Mount | Adapter for the connection of a camera to a trinocular microscope             | LWD           | Long Working Distance     | SWF  | Super Wide Field (Field number at<br>least Ø 23 mm for 10× eyepiece) |
|---------|---|---------------|---------------------------|------|--|
| FPS     | Frames per second   | N.A.          | Numerical Aperture        | W.D. | Working Distance   |
| H(S)WF  | High (Super) Wide Field (Eyepiece with high eye point for wearers of glasses) | SLR<br>camera | Single-Lens Reflex camera | WF   | Wide Field (Field number up to<br>Ø 22 mm for 10× eyepiece)          |

Your KERN specialist dealer:





WLAN data interface For transmitting of the picture to a mobile display device

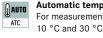
| HDMI |
|------|

devic

HDMI digital camera For direct transmitting of the picture to a display

| o I        |
|------------|
|            |
| SOFTWARE   |
| JOI THAILE |

PC software To transfer the measurements from the device to a PC



Automatic temperature compesation For measurements between

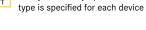


Protection against dust and water splashes IPxx

The type of protection is shown by the pictogram

BATT

**Battery operation** ..... Ready for battery operation. The battery





Battery operation rechargeable Prepared for a rechargeable battery



Mains adapter 230V/50Hz in standard version for EU.

On request GB, AUS or USA version

Integrated in microscope. 230V/50Hz

-6 230 V

