

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. 75), a universal stand (p. 80/81), a holder (p. 82), a ring illumination (p. 84) and a dust cover (p. 82) 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
KERN	Tube	Objective Zoom	_		
OZM 912	Binocular (OZM 546)	0,7×-4,5×	Telescopic arm with plate (OZB-A5201)	With coarse focusing knob Adjustable torque of the hand wheels (OZB-A5301)	4,5 W LED ring light (OBB-A6102)
OZM 913	Trinocular (OZM 547)	0,7×-4,5×	Telescopic arm with plate (OZB-A5201)	With coarse focusing knob Adjustable torque of the hand wheels (OZB-A5301)	4,5 W LED ring light (OBB-A6102)
OZM 932	Binocular (OZM 546)	0,7×-4,5×	ball-beared double telescopic arm with plate (OZB-A5203)	With coarse focusing knob Adjustable torque of the hand wheels (OZB-A5301)	4,5 W LED ring light (OBB-A6102)
OZM 933	Trinocular (OZM 547)	0,7×-4,5×	ball-beared double telescopic arm with plate (OZB-A5203)	With coarse focusing knob Adjustable torque of the hand wheels (OZB-A5301)	4,5 W LED ring light (OBB-A6102)
OZM 952	Binocular (OZM 546)	0,7×-4,5×	Jointed arm with clamp (OZB-A5212)	With coarse focusing knob Adjustable torque of the hand wheels (OZB-A5301)	4,5 W LED ring light (OBB-A6102)
OZM 953	Trinocular (OZM 547)	0,7×-4,5×	Jointed arm with clamp (OZB-A5212)	With coarse focusing knob Adjustable torque of the hand wheels (OZB-A5301)	4,5 W LED ring light (OBB-A6102)
OZM 982	Binocular (OZM 546)	0,7× - 4,5×	Spring loaded arm with clamp (OZB-A6302)	With coarse focusing knob Adjustable torque of the hand wheels	4,5 W LED ring light (OBB-A6102)
OZM 983	Trinocular (OZM 547)	0,7×-4,5×	Spring loaded arm with clamp (OZB-A6302)	With coarse focusing knob Adjustable torque of the hand wheels	4,5 W LED ring light (OBB-A6102)

MICROSCOPES & REFRACTOMETERS 2024

KERN Pictograms





360° rotatable microscope head



Monocular MicroscopeFor the inspection with one eye



Binocular MicroscopeFor the inspection with both eyes



Trinocular MicroscopeFor 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 illuminationFor non-transparent objects



Transmitting illuminationFor transparent objects



Fluorescence illumination For stereomicroscopes



Fluorescence illumination for compound microscopes

With 100 W 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



Zoom magnification For stereomicroscopes



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Auto-focus

For automatic control of the focus level



Parallel optical system For stereomicroscopes, enables fatigue-proof working



Integrated scale

In the eyepiece



SD cardFor data storage



USB 2.0 interface For data transmission



USB 3.0 interface For data transmission



WIFI data interface:

For transmitting of the picture to a mobile display device



HDMI digital camera

For direct transmitting of the picture to a display device



PC software

To transfer the measurementsfrom the device to a PC.



Automatic temperature compesation

For measurements between 10 °C and 30 °C



Protection against dust and water splashes IPxx:

The type of protection is shown in the pictogram cf. DIN EN 60529:2000-09, IEC 60529:1989+A1:1999 +A2:2013



Battery operation

Ready for battery operation. The battery type is specified for each device.



Battery operation rechargeable

Prepared for a rechargeable battery operation



Plug-in power supply

230V/50Hz in standard version for EU.
On request GB, AUS or USA version.



Integrated power supply unit

Integrated in microscope. 230V/50Hz standard EU. More standards e.g. GB, AUS or USA on request.



Package shipment

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



Pallet shipment

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

FPS Frames per second

H(S)WF High (Super) Wide Field (Eyepiece with high eye

point for wearers of glasses)

LWD Long Working Distance

N.A. Numerical Aperture

SLR camera Single-Lens Reflex camera

SWF Super Wide Field (Field number at least Ø 23 mm

for 10× eyepiece)

W.D. Working Distance

WF Wide Field (Field number up to Ø 22 mm

for 10× eyepiece)