



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

Features

- Sets which have already been defined (except OSE 409), consisting of a stereo microscope head (p. 74), a universal stand (p. 79), a holder (p. 80) and a ring illumination from our range (p. 83)
- 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 KERN	Microscope head		Stand	Holder	Illumination	
	Tube	Objective Zoom				
OSE 409	Binocular (WF 10×/ Ø 20 mm)	1x (WD: 230 mm)	Swivel arm with block pedestal	With coarse focusing knob Adjustable torque of the hand wheels	3W LED goose neck (integrated)	0
OZL 961	Binocular (OZL 461)	0,7×-4,5×	Telescopic arm with plate	With coarse focusing knob Adjustable torque of the hand wheels	4,5 W LED ring light (OBB-A6102)	•
OZL 963	Trinocular (OZL 462)	0,7×-4,5×	Telescopic arm with plate	With coarse focusing knob Adjustable torque of the hand wheels	4,5 W LED ring light (OBB-A6102)	0
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 double handle	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 double handle	4,5 W LED ring light (OBB-A6102)	

KERN Pictograms:

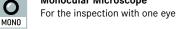




360° rotatable microscope head









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 3W 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



Parallel optical system

For stereomicroscopes, enables fatigue-proof working



Integrated scale

In the eyepiece



SD card

For data storage



USB 2.0 digital camera

For direct transmitting of the picture to a PC



USB 3.0

USB 3.0 digital camera

For direct transmitting of the picture to a PC



WLAN 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 measurements from 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 by the pictogram.



Battery operation

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



Battery operation rechargable

Prepared for a rechargable battery operation



Mains adapter

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



1 DAY

WF

Power supply

Integrated in balance. 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.

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

SLR Kamera Single-Lens Reflex camera

N.A. **Numerical Aperture** **SWF** Super Wide Field

(Field number at least Ø 23 mm

for 10× eyepiece)

Working Distance W.D.

Wide Field (Field number up to Ø 22 mm for 10× eyepiece)

Your KERN specialist dealer: