

Stereo microscope sets KERN OZM-9



OZM 912/913



OZM 932/933



OZM 952/953



OZM 982/983

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. 74), a universal stand (p. 79/80), a holder (p. 81), a ring illumination (p. 83) and a dust cover (p. 81) 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 expensive and highly-flexible solution for your microscope workplace

Model KERN	Microscope head		Stand	Holder	Illumination	
	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-bearing 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-bearing 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)	

Pictograms

	360° rotatable microscope head		Fluorescence illumination for compound microscopes With 3 W LED illumination and filter		USB 3.0 digital camera For direct transmitting of the picture to a PC
	Monocular Microscope For the inspection with one eye		Phase contrast unit For a higher contrast		WLAN data interface For transmitting of the picture to a mobile display device
	Binocular Microscope For the inspection with both eyes		Darkfield condenser/unit For a higher contrast due to indirect illumination		HDMI digital camera For direct transmitting of the picture to a display device
	Trinocular Microscope For the inspection with both eyes and the additional option for the connection of a camera		Polarising unit To polarise the light		PC software To transfer the measurements from the device to a PC
	Abbe Condenser With high numerical aperture for the concentration and the focusing of light		Infinity system Infinity corrected optical system		Automatic temperature compensation For measurements between 10 °C and 30 °C
	Halogen illumination For pictures bright and rich in contrast		Zoom magnification For stereomicroscopes		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
	LED illumination Cold, energy-saving and especially long-life illumination		Auto-focus For automatic control of the focus level		Battery operation Ready for battery operation. The battery type is specified for each device.
	Incident illumination For non-transparent objects		Parallel optical system For stereomicroscopes, enables fatigue-proof working		Battery operation rechargeable Prepared for a rechargeable battery operation
	Transmitting illumination For transparent objects		Integrated scale In the eyepiece		Plug-in power supply 230V/50Hz in standard version for EU. On request GB, AUS or USA version.
	Fluorescence illumination For stereomicroscopes		SD card For data storage		Integrated power supply unit Integrated in microscope. 230V/50Hz standard EU. More standards e.g. GB, AUS or USA on request.
	Fluorescence illumination for compound microscopes With 100 W mercury lamp and filter		USB 2.0 digital camera For direct transmitting of the picture to a PC		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	LWD	Long Working Distance	SWF	Super Wide Field (Field number at 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 camera	Single-Lens Reflex camera	WF	Wide Field (Field number up to Ø 22 mm for 10× eyepiece)

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Pricing on any accessories shown can be found by keying the part number into the search box on our website.

The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct. If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.

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