

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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