



Head of the microscope series OSF-5
(OSF 512, 514, 516)



Head of the microscope series OZL-46
(OZL 461, 462)



Head of the microscope series OZM-5
(OZM 546, 547)



Head of the microscope series OZP-5
(OZP 551, 552)



Head of the microscope series OZO-5
(OZO 556, 557)

Individuality, variety and flexible working through our modular construction system ► Stereo microscope heads




























Features

- To enable the highest level of flexibility for your special requirements and applications, we have a large selection of stereo microscope heads, universal stands and external illumination units, which are easy to combine
- Through the different properties of the stereo microscope heads, as well as the flexibility of the universal stands and the professional fixing of our brackets, we can configure your ideal microscope to suit your needs
- There are various microscope heads available from our product range for this purpose, both as binocular or trinocular versions
- A C-mount adapter is required to connect a camera to the trinocular version. You can select this adapter from the corresponding model outfit lists on the following pages

Technical data

- Optical system: Greenough optics
- Further technical data and model features is located in the tables below on the following pages
 - OSF-5: p. 75
 - OZL-46: p. 75
 - OZM-5: p. 76
 - OZP-5: p. 77
 - OZO-5: p. 78

Model	Tube	Tube angle	Eyepieces (included)	Interpupillary distance	Objective	Magnification ratio	Diopter adjustment	
KERN					Zoom			
OSF 512	Binocular	45°	HSWF 10×/∅ 23 mm	52–76 mm	1×/2×	–	One-sided (-6/6)	↓
OSF 514	Binocular	45°	HSWF 10×/∅ 23 mm	52–76 mm	1×/3×	–	One-sided (-6/6)	↓
OSF 516	Binocular	45°	HSWF 10×/∅ 23 mm	52–76 mm	2×/4×	–	One-sided (-6/6)	↓
OZL 461	Binocular	45°	HWF 10×/∅ 20 mm	55–75 mm	0,7× – 4,5×	6,4:1	Both-sided (-5/5)	
OZL 462	Trinocular	45°	HWF 10×/∅ 20 mm	52–76 mm	0,7× – 4,5×	6,4:1	Both-sided (-5/5)	
OZM 546	Binocular	45°	HSWF 10×/∅ 23 mm	52–76 mm	0,7× – 4,5×	6,4:1	Both-sided (-6/6)	
OZM 547	Trinocular	45°	HSWF 10×/∅ 23 mm	52–76 mm	0,7× – 4,5×	6,4:1	Both-sided (-6/6)	
OZP 551	Binocular	35°	HSWF 10×/∅ 23 mm	52–76 mm	0,6× – 5,5×	9,2:1	Both-sided (-6/6)	
OZP 552	Trinocular	35°	HSWF 10×/∅ 23 mm	52–76 mm	0,6× – 5,5×	9,2:1	Both-sided (-6/6)	
OZO 556	Binocular	35°	HSWF 10×/∅ 23 mm	52–76 mm	0,8× – 7×	8,8:1	Both-sided (-6/6)	
OZO 557	Trinocular	35°	HSWF 10×/∅ 23 mm	52–76 mm	0,8× – 7×	8,8:1	Both-sided (-6/6)	

 360°	360° rotatable microscope head	 FL-LED	Fluorescence illumination for compound microscopes With 3 W LED illumination and filter	 WLAN	WLAN data interface: For transmitting of the picture to a mobile display device
 MONO	Monocular Microscope For the inspection with one eye	 PH	Phase contrast unit For a higher contrast	 HDMI	HDMI digital camera For direct transmitting of the picture to a display device
 BINO	Binocular Microscope For the inspection with both eyes	 DF	Darkfield condenser/unit For a higher contrast due to indirect illumination	 SOFTWARE	PC software To transfer the measurements from the device to a PC.
 TRINO	Trinocular Microscope For the inspection with both eyes and the additional option for the connection of a camera	 POLAR	Polarising unit To polarise the light	 AUTO ATC	Automatic temperature compensation For measurements between 10 °C and 30 °C
 ABBE	Abbe Condenser With high numerical aperture for the concentration and the focusing of light	 INFINITY	Infinity system Infinity corrected optical system	 IP	Protection against dust and water splashes IPxx The type of protection is shown by the pictogram.
 HAL	Halogen illumination For pictures bright and rich in contrast	 ZOOM	Zoom magnification For stereomicroscopes	 BATT	Battery operation Ready for battery operation. The battery type is specified for each device.
 LED	LED illumination Cold, energy saving and especially long-life illumination	 PARALLEL	Parallel optical system For stereomicroscopes, enables fatigue-proof working	 RECHARGE	Battery operation rechargeable Prepared for a rechargeable battery operation
 IL	Incident illumination For non-transparent objects	 SCALE	Integrated scale In the eyepiece	 230 V	Mains adapter 230V/50Hz in standard version for EU. On request GB, AUS or USA version.
 TL	Transmitting illumination For transparent objects	 SD	SD card For data storage	 230 V	Power supply Integrated in balance. 230V/50Hz standard EU. More standards e.g. GB, AUS or USA on request.
 FL	Fluorescence illumination For stereomicroscopes	 USB 2.0	USB 2.0 digital camera For direct transmitting of the picture to a PC	 1 DAY	Package shipment The time required to manufacture the product internally is shown in days in the pictogram.
 FL-HBO	Fluorescence illumination for compound microscopes With 100 W mercury lamp and filter	 USB 3.0	USB 3.0 digital camera For direct transmitting of the picture to a PC		

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 \varnothing 23 mm for 10 \times 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 Kamera Single-Lens Reflex camera	WF Wide Field (Field number up to \varnothing 22 mm for 10 \times eyepiece)

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