



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.
- For the working distance for these models, please see the relevant page of the basic model (for example, OSF-5: P. 56/57).
- A C-mount adapter is required to connect a camera to the trinocular version. You can select this adapter from the relevant model list for the basic model (for example OZL-46: p. 60).

Model	Tube	Eyepieces (included)	Objective	
KERN			Zoom	
OSF 512	Binocular	HSWF 10×/∅ 23 mm	1×/2×	
OSF 514	Binocular	HSWF 10×/∅ 23 mm	1×/3×	
OSF 516	Binocular	HSWF 10×/∅ 23 mm	2×/4×	
OZL 461	Binocular	HWF 10×/∅ 20 mm	0,7× - 4,5×	
OZL 462	Trinocular	HWF 10×/∅ 20 mm	0,7× - 4,5×	
OZM 546	Binocular	HSWF 10×/∅ 23 mm	0,7× - 4,5×	
OZM 547	Trinocular	HSWF 10×/∅ 23 mm	0,7× - 4,5×	
OZP 551	Binocular	HSWF 10×/∅ 23 mm	0,6× - 5,5×	
OZP 552	Trinocular	HSWF 10×/∅ 23 mm	0,6× - 5,5×	
OZO 556	Binocular	HSWF 10×/∅ 23 mm	0,8× - 7×	
OZO 557	Trinocular	HSWF 10×/∅ 23 mm	0,8× - 7×	

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

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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