Stereo microscope modular system - Basic stands KERN OZB-S





OZB-A5121 with coarse and fine adjustment



OZB-A5123 with coarse and fine adjustment as well as incident and transmitted illumination







OZB-A5106 (Arm curved stand) with incident and transmitted illumination



OZB-A5107 with extra small stage



OZB-A5109 with extra small stage as well as incident and transmitted illumination





OZB-A5127 with coated steel stage as well as coarse and fine adjustment

A holder is included with every basic stand

Model	Stand style	Illumination	Description	Dimensions
KERN				mm
OZB-A5121	Pillar style	-	With coaxial coarse and fine adjustment	283×292×271,5
OZB-A5123	Pillar style	3 W LED (incident + transmitted)	With coaxial coarse and fine adjustment	283×292×303,5
OZB-A5104	Arm curved	-	Coarse focusing knob	283×292×240
OZB-A5106	Arm curved	3 W LED (incident + transmitted)	Coarse focusing knob	283×292×272
OZB-A5107	Pillar style	-	Coarse focusing knob	170×245×271,5
OZB-A5109	Pillar style	3 W LED (incident + transmitted)	Coarse focusing knob	170×245×303,5
OZB-A5114	Pillar style	-	Coarse focusing knob	400×300×371,5
OZB-A5127	Pillar style	-	With coaxial coarse and fine adjustment	181×245×272

KERN Pictograms:



360° rotatable microscope head



Monocular Microscope For the inspection with one eye



Binocular Microscope For the inspection with both eyes

Trinocular Microscope



the additional option for the connection of a camera Abbe Condenser With high numerical aperture for the

concentration and the focusing of light

For the inspection with both eyes and



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ABBE

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

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)

C



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





Polarising unit To polarise the light

Infinity system

illumination







For stereomicroscopes Parallel optical system

For stereomicroscopes, enables

Zoom magnification

fatigue-proof working

Infinity corrected optical system



Integrated scale human In the eyepiece SCALE



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USB 2.0

⊶

USB 3.0

SD card For data storage



USB 2.0 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.



SOFTWARE

Automatic temperature compesation For measurements between 10 °C and 30 °C



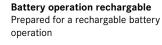
Protection against dust and water splashes IPxx The type of protection is shown by the

pictogram.



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





Mains adapter

230 V	



Power supply Integrated in balance. 230V/50Hz standard EU. More standards e.g. GB, AUS or USA on request.

230V/50Hz in standard version for EU.

On request GB, AUS or USA version.



Package shipment The time required to manufacture the product internally is shown in days in the pictogram.

USB 3.0 digital camera For direct transmitting of the picture to a PC

Long Working Distance	SWF	Super Wig
N.A. Numerical Aperture		(Field nun for 10× ey
Single-Lens Reflex camera	W.D.	Working [
	6 6	Numerical Aperture

SWF	Super Wide Field (Field number at least \emptyset 23 mm for 10× eyepiece)
W.D.	Working Distance
WF	Wide Field (Field number up to Ø 22 mm for 10× eyepiece)

Your KERN specialist dealer:

