

## Stereo microscope modular system - Universal stands KERN OZB-UP









OZB-A5212



OZB-A5223



OZB-A5221

OZB-A5222

Individuality, variety and flexible working through our modular construction system ► PREMIUM universal stands

### Features

- With our universal stands and basic stands, as well as microscope heads and external illumination units, you can configure your microscope to your own specifications and adapt it to your application
- Thanks to the versatile, adjustable universal stands it is possible to work in the very best way in all areas with the most varied of samples
- Large universal stands are available as stand base variants as well as with the option of a clamp for the edge or the centre of a bench. Depending on the model, you have the choice of a telescopic arm stand, a jointed arm stand or a telescopic double arm universal stand with ball bearings

### **Technical data**

· Column height: 515 mm

## OZB-A5201/OZB-A5211/OZB-A5221

· Length telescopic arm: 614 mm

## OZB-A5212/OZB-A5222

· Length jointed arm: 553 mm

## OZB-A5203/OZB-A5213/OZB-A5223

Length double arm: 545 mm

Model	Description				
KERN					
OZB-A5201	Telescopic arm – Plate – excl. holder				
OZB-A5211	Telescopic arm – Clamp Edge of bench (Range: max. 62 mm) – excl. holder				
OZB-A5221	Telescopic arm – Clamp Centre of bench (hole required) – excl. holder				
OZB-A5212	Jointed arm - Clamp Edge of bench (Range: max. 62 mm) - excl. holder				
OZB-A5222	Jointed arm - Clamp Centre of bench (hole required) - excl. holder				
OZB-A5203	Telescopic double arm with ball bearings – Plate – excl. holder				
OZB-A5213	Telescopic double arm with ball bearings - Clamp Edge of bench (Range: max. 62 mm) - excl. holder				
OZB-A5223	Telescopic double arm with ball bearings - Clamp Centre of bench (hole required) - excl. holder				

# **KERN OPTICS CATALOGUE 2022**

#### Pictograms



360° rotatable microscope head



Monocular Microscope For the inspection with one eye



**Binocular Microscope** For the inspection with both eyes

Trinocular Microscope



For the inspection with both eyes and the additional option for the connection of a camera



Abbe Condenser With high numerical aperture for the concentration and the focusing of light



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



Fluorescence illumination C for compound microscopes FL-LED With 3 W LED illumination and filter



Phase contrast unit For a higher contrast



Darkfield condenser/unit For a higher contrast due to indirect illumination



Polarising unit To polarise the light



Infinity system Infinity corrected optical system



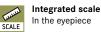
Zoom magnification For stereomicroscopes



Auto-focus For automatic control of the focus level



Parallel optical system For stereomicroscopes, enables fatigue-proof working



SD card For data storage



USB 2.0 digital camera For direct transmitting of the picture to a PC USB 2.0



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



WLAN data interface For transmitting of the picture to a



mobile display device



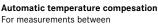
HDMI digital camera For direct transmitting of the picture to a display

SOFTWARE

PC software To transfer the measurements from the device to a PC

device

AUTO ATC



For measurements between 10 °C and 30 °C



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



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



Battery operation rechargeable Prepared for a rechargeable battery



Plug-in power supply

230V/50Hz in standard version for EU. On request GB, AUS or USA version.



### Integrated power supply unit

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

Package shipment

The time required to manufacture the 1 DAY 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)

## Your KERN specialist dealer:

