

PROFESSIONAL MEASURING



**STEREO
MICROSCOPE
MODULAR SYSTEM**

23

KERN 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 100 W mercury lamp and filter



Fluorescence illumination for compound microscopes
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



Integrated scale
In the eyepiece



SD card
For data storage



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



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 device



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



Automatic temperature compensation
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 operation



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 product internally is shown in days in the pictogram.

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)
LWD	Long Working Distance
N.A.	Numerical Aperture

SLR camera	Single-Lens Reflex camera
SWF	Super Wide Field (Field number at least \varnothing 23 mm for 10× eyepiece)
W.D.	Working Distance
WF	Wide Field (Field number up to \varnothing 22 mm for 10× eyepiece)

Why you should choose a KERN microscope now!

For 175 years, KERN & SOHN has been synonymous with high precision weighing and measuring technology. This claim is the driving force for the development of our microscope and refractometer ranges.

Thanks to consistent customer focus paired with smart ideas and the latest available technology we are proud to be suppliers of high-quality, durable top microscopes and refractometers, which help you to be as efficient as possible in your daily work.

When developing our microscopes we have concentrated on the very best optical quality and have used only high-quality glass and the latest technologies to achieve this. The high-quality Philips halogen and modern LED illumination produce razor-sharp images with high contrast and which will impress you with their brilliant true-colour display – you must have noticed this yourself.

Your advantages:

- all mechanical parts have been designed for a long service life
- special attention has been given to the ergonomics of our microscopes, as this allows the user to work for several hours in a comfortable position which does not cause fatigue
- our microscopes are fully-equipped and can be used immediately
- Highlight for 2022: die KERN camera software – you will be amazed at how user-friendly and intuitive it is, a high-quality tablet camera as well as a comprehensive range of calibration services for refractometers
- and much more...

Use our practical “Check list for microscopes and refractometers”, which may help you to quickly determine specifications for the future instrument. Together with our KERN product specialist you can choose the right product for you.

If there is no suitable product in the standard range, for example, then we will of course configure an individual microscope for you.

Our aim is to develop a market-driven product solution, so with our microscope and refractometer range, the saying holds true: good quality at a competitive price! This is what we stand for and work towards, every day!

With our current 2022 product range you can benefit from improved quality and a clear reduction in price, which we have been able to achieve through more efficient production methods and increased global sales of our microscopes and refractometers and of course we pass this straight on to you

Do you have any questions about our range of microscopes and refractometers?

Your KERN customer consultants are available at any time to help you further.

I hope that you enjoy working efficiently with our KERN Optics products.



Albert Sauter, Managing Director

Your advantages

fast

- 24 hour dispatch service for products in stock – order today, on its way tomorrow
- Sales & service hotline from 8:00 am to 5:00 pm

reliable

- Up to 3 years warranty
- Certified QM system
DIN EN ISO 9001

versatile

- One-stop shopping: from microscope through to refractometer – everything from one supplier
- Quick as a flash, find the product you want with the “Quick-Finder” at www.kern-sohn.com



Order hotline

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www.kern-sohn.com

Information on current product availability, product data sheets, user instructions, useful knowledge, technical glossary and much for you to download, practical topic areas, which will guide you to the right product in your industry as well as a microscopes and refractometers search engine.



Service hotline

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Our team of consultants will assist you

from Monday to Friday
from 8:00 am to 5:00 pm



Online shop

www.kern-sohn.com



Head of the microscope series OSF-5 (OSF 512, 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. 76
 - OZL-46: p. 76
 - OZM-5: p. 77
 - OZP-5: p. 78
 - OZO-5: p. 79

Model	Tube	Tube angle	Eyepieces (included)	Interpupillary distance	Objective	Magnification ratio	Diopter adjustment	Price excl. of VAT ex works €
KERN					Zoom			
OSF 512*	Binocular	45°	HSWF 10×/∅ 23 mm	52–76 mm	1×/2×	–	One-sided (-6/6)	190,-
OSF 516*	Binocular	45°	HSWF 10×/∅ 23 mm	52–76 mm	2×/4×	–	One-sided (-6/6)	190,-
OZL 461	Binocular	45°	HWF 10×/∅ 20 mm	55–75 mm	0,7× – 4,5×	6,4:1	Both-sided (-5/5)	470,-
OZL 462	Trinocular	45°	HWF 10×/∅ 20 mm	52–76 mm	0,7× – 4,5×	6,4:1	Both-sided (-5/5)	540,-
OZM 546	Binocular	45°	HSWF 10×/∅ 23 mm	52–76 mm	0,7× – 4,5×	6,4:1	Both-sided (-6/6)	930,-
OZM 547	Trinocular	45°	HSWF 10×/∅ 23 mm	52–76 mm	0,7× – 4,5×	6,4:1	Both-sided (-6/6)	1280,-
OZP 551	Binocular	35°	HSWF 10×/∅ 23 mm	52–76 mm	0,6× – 5,5×	9,2:1	Both-sided (-6/6)	1090,-
OZP 552	Trinocular	35°	HSWF 10×/∅ 23 mm	52–76 mm	0,6× – 5,5×	9,2:1	Both-sided (-6/6)	1450,-
OZO 556*	Binocular	35°	HSWF 10×/∅ 23 mm	52–76 mm	0,8× – 7×	8,8:1	Both-sided (-6/6)	1610,-

■ *ONLY WHILE STOCKS LAST

Fittings and accessories for the heads for the OSF-5 microscope range (OSF 512, OSF 516)

Eyepiece	Specifications - Objectives				
	Magnification	1×	2×	3×	4×
HSWF 10×	Total magnification	10×	20×	30×	40×
	Field of view mm	∅ 23	∅ 11,5	∅ 7,67	∅ 5,75
SWF 15×	Total magnification	15×	30×	45×	60×
	Field of view mm	∅ 17	∅ 8,5	∅ 5,67	∅ 4,25
SWF 20×	Total magnification	20×	40×	60×	80×
	Field of view mm	∅ 14	∅ 7	∅ 4,67	∅ 3,5
SWF 30×	Total magnification	30×	60×	90×	120×
	Field of view mm	∅ 9	∅ 4,5	∅ 3	∅ 2,25
Working distance		105 mm	105 mm	105 mm	105 mm
Model outfit	Model KERN		Order number	Price/piece excl. of VAT ex works €	
	OSF 512	OSF 516			
Eyepieces (30,0 mm)	HSWF 10×/∅ 23 mm	✓✓	✓✓	OZB-A5503	70,-
	SWF 15×/∅ 17 mm	○ ○	○ ○	OZB-A5504	75,-
	SWF 20×/∅ 14 mm	○ ○	○ ○	OZB-A5505	85,-
	SWF 30×/∅ 9 mm	○ ○	○ ○	OZB-A5506	120,-
	HSWF 10×/∅ 23 mm (reticule 0,1 mm)	○	○	OZB-A5512	125,-
	SWF 15×/∅ 17 mm (reticule 0,05 mm)	○	○	OZB-A5513	140,-
	SWF 20×/∅ 14 mm (reticule 0,05 mm)	○	○	OZB-A5514	140,-
				✓ = Included with delivery	○ = Option

Fittings and accessories for the heads for the OZL-46 microscope range (OZL 461, OZL 462)

Eyepiece	Specifications - Objectives					
	Magnification	Standard	Auxiliary objectives			
		1,0×	0,5×	0,75×	1,5×	2,0×
HSWF 10×	Total magnification	7× - 45×	3,5× - 22,5×	5,3× - 33,8×	10,5× - 67,5×	14× - 90×
	Field of view mm	∅ 28,6 - 4,4	∅ 57,1 - 8,9	∅ 38,1 - 5,9	∅ 19 - 3	∅ 14,3 - 2,2
HWF 15×	Total magnification	10,5× - 67,5×	5,3× - 33,8×	7,9× - 50,6×	15,5× - 101,3×	21× - 135×
	Field of view mm	∅ 21,4 - 3,3	∅ 42,9 - 6,7	∅ 28,5 - 4,4	∅ 14,3 - 2,2	∅ 10,7 - 1,7
HSWF 20×	Total magnification	14× - 90×	7× - 45×	10,5× - 67,5×	21× - 135×	28× - 180×
	Field of view mm	∅ 14,3 - 2,2	∅ 28,6 - 4,4	∅ 19,1 - 2,9	∅ 9,5 - 1,5	∅ 7,1 - 1,1
HWF 25×	Total magnification	17,5× - 122,5×	8,8× - 56,3×	13,1× - 91,9×	26,3× - 168,8×	35× - 225×
	Field of view mm	∅ 12,9 - 2,0	∅ 25,7 - 4,0	∅ 17,2 - 2,7	∅ 8,6 - 1,3	∅ 6,4 - 1,0
Working distance		105 mm	177 mm	120 mm	47 mm	26 mm
Model outfit	Model KERN		Order number	Price/piece excl. of VAT ex works €		
	OZL 461	OZL 462				
Eyepieces (30,0 mm)	HWF 10×/∅ 20 mm	✓✓	✓✓	OZB-A4631	45,-	
	HSWF 15×/∅ 15 mm	○ ○	○ ○	OZB-A4632	55,-	
	HWF 20×/∅ 10 mm	○ ○	○ ○	OZB-A4633	55,-	
	HSWF 25×/∅ 9 mm	○ ○	○ ○	OZB-A4634	60,-	
Auxiliary objectives	0,5×	○	○	OZB-A4641	90,-	
	0,75×	○	○	OZB-A4644	90,-	
	1,5×	○	○	OZB-A4642	90,-	
	2,0×	○	○	OZB-A4643	90,-	
C-Mount	1× (focus adjustable)		✓	OZB-A4809	55,-	
	0,3× (focus adjustable)		○	OZB-A4810	95,-	
	0,5× (focus adjustable)		○	OZB-A4811	105,-	
				✓ = Included with delivery	○ = Option	

Fittings and accessories for the heads for the OZM-5 microscope range (OZM 546, OZM 547)

Eyepiece	Specifications - Objectives						
	Magnification	Standard	Auxiliary objectives				
			1,0×	0,37×	0,5×	0,7×	1,5×
HSWF 10×	Total magnification	7× - 45×	2,59× - 16,65×	3,5× - 22,5×	4,9× - 31,5×	10,5× - 67,5×	14× - 90×
	Field of view mm	∅ 32,8 - 5,1	∅ 88,8 - 13,8	∅ 65,7 - 10,2	∅ 46,9 - 7,3	∅ 21,9 - 3,4	∅ 16,4 - 2,6
SWF 15×	Total magnification	10,5× - 67,5×	3,89× - 25×	5,3× - 33,8×	7,4× - 47,2×	15,8× - 101,3×	21× - 135×
	Field of view mm	∅ 24,3 - 3,8	∅ 65,6 - 10,2	∅ 48,6 - 7,6	∅ 34,7 - 5,4	∅ 16,2 - 2,5	∅ 12,1 - 1,9
SWF 20×	Total magnification	14× - 90×	5,18× - 33,3×	7× - 45×	9,8× - 63×	21× - 135×	28× - 180×
	Field of view mm	∅ 20 - 3,1	∅ 54,1 - 8,4	∅ 40 - 6,2	∅ 28,6 - 4,4	∅ 13,3 - 2,1	∅ 10 - 1,6
SWF 30×	Total magnification	21× - 135×	7,77× - 50×	10,5× - 67,5×	14,7× - 94,5×	31,5× - 202,5×	42× - 270×
	Field of view mm	∅ 12,9 - 2	∅ 34,7 - 5,4	∅ 25,7 - 4	∅ 18,4 - 2,9	∅ 8,6 - 1,6	∅ 6,4 - 1
Working distance		110 mm	275 mm	195 mm	145 mm	50 mm	35 mm

Model outfit	Model KERN		Order number	Price/piece excl. of VAT ex works €	
	OZM 546	OZM 547			
Eyepieces (30,0 mm)	HSWF 10×/∅ 23 mm	✓✓	✓✓	OZB-A5503	70,-
	SWF 15×/∅ 17 mm	○	○	OZB-A5504	75,-
	SWF 20×/∅ 14 mm	○	○	OZB-A5505	85,-
	SWF 30×/∅ 9 mm	○	○	OZB-A5506	120,-
	HSWF 10×/∅ 23 mm (reticule 0,1 mm)	○	○	OZB-A5512	125,-
	SWF 15×/∅ 17 mm (reticule 0,05 mm)	○	○	OZB-A5513	140,-
	SWF 20×/∅ 14 mm (reticule 0,05 mm)	○	○	OZB-A5514	140,-
Achromatic auxiliary objectives	0,37× only in combination with a universal stand	○	○	OZB-A5611	170,-
	0,5×	○	○	OZB-A5612	160,-
	0,7×	○	○	OZB-A5613	160,-
	1,5×	○	○	OZB-A5615	155,-
	2,0×	○	○	OZB-A5616	160,-
	Soldering protection lens	○	○	OZB-A5614	50,-
C-Mount	0,3× (focus adjustable)		○	OZB-A5701	140,-
	0,5× (focus adjustable)		○	OZB-A5702	140,-
	1,0× (focus adjustable)		○	OZB-A5703	105,-
	1,0× (with micrometer) only in combination with OZB-A5703		○	OZB-A5704	295,-
	for SLR cameras (Nikon)		○	OZB-A5706	295,-
	for SLR cameras (Olympus)		○	OZB-A5707	295,-
	for SLR cameras (Canon)		○	OZB-A5708	295,-

✓ = Included with delivery

○ = Option

Functionality of our stereo microscope modular system

Step 1:

Select a microscope head (from page 75), a universal stand (page 80/81), a bracket (page 82) and a ring illumination unit (page 84), in order to generate a customised model.



Sample configuration

Fittings and accessories for the heads for the OZP-5 microscope range (OZP 551, OZP 552)

Eyepiece	Magnification	Specifications – Objectives					
		Standard 1,0×	Auxiliary objectives				
			0,37×	0,5×	0,7×	1,5×	2×
HSWF 10×	Total magnification	6× – 55×	2,96× – 25,9×	3× – 27,5×	4,2× – 38,5×	9× – 82,5×	12× – 110×
	Field of view mm	∅ 38,3 – 4,2	∅ 74,3 – 8,5	∅ 76,7 – 8,4	∅ 54,8 – 6	∅ 25,6 – 2,8	∅ 19,2 – 2,1
SWF 15×	Total magnification	9× – 82,5×	4,44× – 38,9×	4,5× – 41,25×	6,3× – 57,75×	13,5× – 123,75×	18× – 165×
	Field of view mm	∅ 28,3 – 3,1	∅ 57,4 – 6,6	∅ 56,7 – 6,2	∅ 40,5 – 4,4	∅ 18,9 – 2,1	∅ 14,2 – 1,5
SWF 20×	Total magnification	12× – 110×	5,92× – 51,8×	6× – 55×	8,4× – 77×	18× – 165×	24× – 220×
	Field of view mm	∅ 23,3 – 2,5	∅ 47,3 – 5,4	∅ 46,7 – 5,1	∅ 33,3 – 3,6	∅ 15,6 – 1,7	∅ 11,7 – 1,3
SWF 30×	Total magnification	18× – 165×	8,88× – 77,7×	9× – 82,5×	12,6× – 115,5×	27× – 247,5×	36× – 330×
	Field of view mm	∅ 15 – 1,6	∅ 30,4 – 3,5	∅ 30 – 3,3	∅ 21,4 – 2,3	∅ 10 – 1,1	∅ 7,5 – 0,8
Working distance		108 mm	275 mm	195 mm	145 mm	50 mm	35 mm

Model outfit	Model KERN		Order number	Price/piece excl. of VAT ex works €	
	OZP 551	OZP 552			
Eyepieces (30,0 mm)	HSWF 10×/∅ 23 mm	✓✓	✓✓	OZB-A5503	70,-
	SWF 15×/∅ 17 mm	○ ○	○ ○	OZB-A5504	75,-
	SWF 20×/∅ 14 mm	○ ○	○ ○	OZB-A5505	85,-
	SWF 30×/∅ 9 mm	○ ○	○ ○	OZB-A5506	120,-
	HSWF 10×/∅ 23 mm (reticule 0,1 mm)	○	○	OZB-A5512	125,-
	SWF 15×/∅ 17 mm (reticule 0,05 mm)	○	○	OZB-A5513	140,-
	SWF 20×/∅ 14 mm (reticule 0,05 mm)	○	○	OZB-A5514	140,-
Achromatic auxiliary objectives	0,37× only in combination with a universal stand	○	○	OZB-A5611	170,-
	0,5×	○	○	OZB-A5612	160,-
	0,7×	○	○	OZB-A5613	160,-
	1,5×	○	○	OZB-A5615	155,-
	2,0×	○	○	OZB-A5616	160,-
	Soldering protection lens	○	○	OZB-A5614	50,-
C-Mount	0,3× (focus adjustable)		○	OZB-A5701	140,-
	0,5× (focus adjustable)		○	OZB-A5702	140,-
	1,0× (focus adjustable)		○	OZB-A5703	105,-
	1,0× (with micrometer) only in combination with OZB-A5703		○	OZB-A5704	295,-
	for SLR cameras (Nikon)		○	OZB-A5706	295,-
	for SLR cameras (Olympus)		○	OZB-A5707	295,-
	for SLR cameras (Canon)		○	OZB-A5708	295,-

✓ = Included with delivery ○ = Option

Functionality of our stereo microscope modular system

Step 2:

Further illumination units (page 84) and a suitable protective dust cover (page 82) give you the opportunity to adapt the configuration, expansion and field of application of your ideal microscope individually to suit your own requirements

Fiber illumination



Polarising ring light



Dust cover



Fittings and accessories for the heads for the OZO-5 microscope range (OZO 556)

Eyepiece	Magnification	Specifications - Objectives					
		Standard 1,0×	Auxiliary objectives				
			0,37×	0,5×	0,7×	1,5×	2×
HSWF 10×	Total magnification	8× - 70×	2,96× - 25,9×	4× - 35×	5,6× - 49×	12× - 105×	16× - 140×
	Field of view mm	∅ 28,75 - 3,3	∅ 74,3 - 8,5	∅ 57,5 - 6,6	∅ 41,1 - 4,7	∅ 19,2 - 2,2	∅ 14,4 - 1,6
SWF 15×	Total magnification	12× - 105×	4,44× - 38,9×	6× - 52,5×	8,4× - 73,5×	18× - 157,5×	24× - 210×
	Field of view mm	∅ 21,25 - 2,4	∅ 57,4 - 6,6	∅ 42,5 - 4,9	∅ 30,4 - 3,5	∅ 14,2 - 1,6	∅ 10,6 - 1,2
SWF 20×	Total magnification	16× - 140×	5,92× - 51,8×	8× - 70×	11,2× - 98×	24× - 210×	32× - 280×
	Field of view mm	∅ 17,5 - 2	∅ 47,3 - 5,4	∅ 35 - 4	∅ 25 - 2,9	∅ 11,7 - 1,3	∅ 8,75 - 1
SWF 30×	Total magnification	24× - 210×	8,88× - 77,7×	12× - 105×	16,8× - 147×	36× - 315×	48× - 420×
	Field of view mm	∅ 11,25 - 1,3	∅ 30,4 - 3,5	∅ 22,5 - 2,6	∅ 16,1 - 1,8	∅ 7,5 - 0,9	∅ 5,625 - 0,6
Working distance		108 mm	275 mm	195 mm	145 mm	50 mm	35 mm

Model outfit	Model KERN		Order number	Price/piece excl. of VAT ex works €
	OZO 556			
Eyepieces (30,0 mm)	HSWF 10×/∅ 23 mm	✓✓	OZB-A5503	70,-
	SWF 15×/∅ 17 mm	○○	OZB-A5504	75,-
	SWF 20×/∅ 14 mm	○○	OZB-A5505	85,-
	SWF 30×/∅ 9 mm	○○	OZB-A5506	120,-
	HSWF 10×/∅ 23 mm (reticule 0,1 mm)	○	OZB-A5512	125,-
	SWF 15×/∅ 17 mm (reticule 0,05 mm)	○	OZB-A5513	140,-
	SWF 20×/∅ 14 mm (reticule 0,05 mm)	○	OZB-A5514	140,-
Achromatic auxiliary objectives	0,37× only in combination with a universal stand	○	OZB-A5611	170,-
	0,5×	○	OZB-A5612	160,-
	0,7×	○	OZB-A5613	160,-
	1,5×	○	OZB-A5615	155,-
	2,0×	○	OZB-A5616	160,-
	Soldering protection lens	○	OZB-A5614	50,-
C-Mount	0,3× (focus adjustable)		OZB-A5701	140,-
	0,5× (focus adjustable)		OZB-A5702	140,-
	1,0× (focus adjustable)		OZB-A5703	105,-
	1,0× (with micrometer) only in combination with OZB-A5703		OZB-A5704	295,-
	for SLR cameras (Nikon)		OZB-A5706	295,-
	for SLR cameras (Olympus)		OZB-A5707	295,-
	for SLR cameras (Canon)		OZB-A5708	295,-

✓ = Included with delivery ○ = Option

Functionality of our stereo microscope modular system

Step 3:

When using a trinocular microscope configuration, select the microscope camera (from page 85) which meets your requirements. To find the appropriate C-mount adapter, which is essential to correctly connect the camera, please see the fitting lists of the selected microscope head (from page 75).





OZB-A5201



OZB-A5203



OZB-A5211



OZB-A5212



OZB-A5213



OZB-A5221



OZB-A5222



OZB-A5223

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	Price excl. of VAT ex works €
KERN		
OZB-A5201	Telescopic arm – Plate – excl. holder	590,-
OZB-A5211	Telescopic arm – Clamp Edge of bench (Range: max. 62 mm) – excl. holder	550,-
OZB-A5221	Telescopic arm – Clamp Centre of bench (hole required) – excl. holder	590,-
OZB-A5212	Jointed arm – Clamp Edge of bench (Range: max. 62 mm) – excl. holder	590,-
OZB-A5222	Jointed arm – Clamp Centre of bench (hole required) – excl. holder	620,-
OZB-A5203	Telescopic double arm with ball bearings – Plate – excl. holder	920,-
OZB-A5213	Telescopic double arm with ball bearings – Clamp Edge of bench (Range: max. 62 mm) – excl. holder	890,-
OZB-A5223	Telescopic double arm with ball bearings – Clamp Centre of bench (hole required) – excl. holder	930,-



OZB-A1201



OZB-A1203



OZB-A6302



OZB-A1211



OZB-A1213



OZB-A6303



OZB-A6301

Individuality, variety and flexible working through our modular construction system ► ECO 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
- Small universal stands are available as stand base variants as well as with the option of a clamp for the edge of a bench. Depending on the model, you have the choice of a telescopic arm stand or a telescopic double arm universal stand with ball bearings
- The spring loaded universal stands including bench clamp will make your daily work with your stereo microscope easier. Now including coarse adjustment knob for easy, flexible focussing

Technical data

OZB-A1201/OZB-A1211

- Column height: 430 mm
- Length telescopic arm: 385 mm

OZB-A1203/OZB-A1213

- Column height: 430 mm
- Length telescopic arm: 480 mm

OZB-A6302

- Height spring loaded arm: 525 mm
- Length spring loaded arm: 620 mm

OZB-A6301

- Column height: 300 mm

OZB-A6303

- Height spring loaded arm: 400 mm
- Length spring loaded arm: 850 mm

Model	Description	Price excl. of VAT ex works €
KERN		
OZB-A1201	Telescopic arm – Plate – excl. holder	400,-
OZB-A1211	Telescopic arm – Clamp Edge of bench (Range: max. 40 mm) – excl. holder	370,-
OZB-A1203	Jointed arm – Plate – excl. holder	445,-
OZB-A1213	Jointed arm – Clamp Edge of bench (Range: max. 40 mm) – excl. holder	420,-
OZB-A6302	Spring loaded arm (Pneumatic spring) – Clamp (Range: max. 50 mm) – with holder (Coarse focusing knob)	860,-
OZB-A6303	Spring loaded arm (Compression spring) – Clamp (Range: max. 50 mm) – with holder (Coarse focusing knob)	540,-
OZB-A6301	Pillar style stand with “C”-shape base – excl. holder	360,-



OZB-A5301



OZB-A5306

Individuality, variety and flexible working through our modular construction system ► Holders

Features

- There are two microscope head holders available for these flexible, modular systems. These brackets are suitable for all stereo microscope stands and universal stands (excluding spring loaded arm), to make focusing possible
- The first variant available is a holder with adjustable handwheel as well as adjustment of the torque for your configuration
- For professional applications you have the choice of a mount with coarse and fine focusing knob for the very best focusing operation
- Diameter of the connector for the microscope head: 76 mm
- Diameter of the connector for the stand: 25 mm

Model	Description	Price excl. of VAT ex works €
KERN		
OZB-A5301	Holder with adjustable torque of the hand wheel. Suitable for all universal stands (except of spring loaded arm) and for all basic stands as possible accessories.	180,-
OZB-A5306	Holder with coaxial coarse and fine focusing knob and adjustable torque of the hand wheel. Suitable for all universal stands (except of spring loaded arm) and for all basic stands as possible accessories.	300,-



Individuality, variety and flexible working through our modular construction system ► Dust covers

Features

- When working with microscopes, we offer dust covers to give greater ease of use. By using these, you can easily avoid the time-consuming cleaning work which is necessary with routine use of your microscope
- Depending on the size of your microscope set or your microscope configuration you can select between three different models
- Please find detailed information in the following model outfit list

Model	Description	Suitable for	Price excl. of VAT ex works €
KERN			
OBB-A1387	Size 1: 485×450 mm	Stereo microscope heads	35,-
OBB-A1388	Size 2: 600×650 mm	Stereo microscope heads in combination with basic stands	35,-
OBB-A1389	Size 3: 700×900 mm	Stereo microscope sets, stereo microscope heads in combination with universal stands	35,-

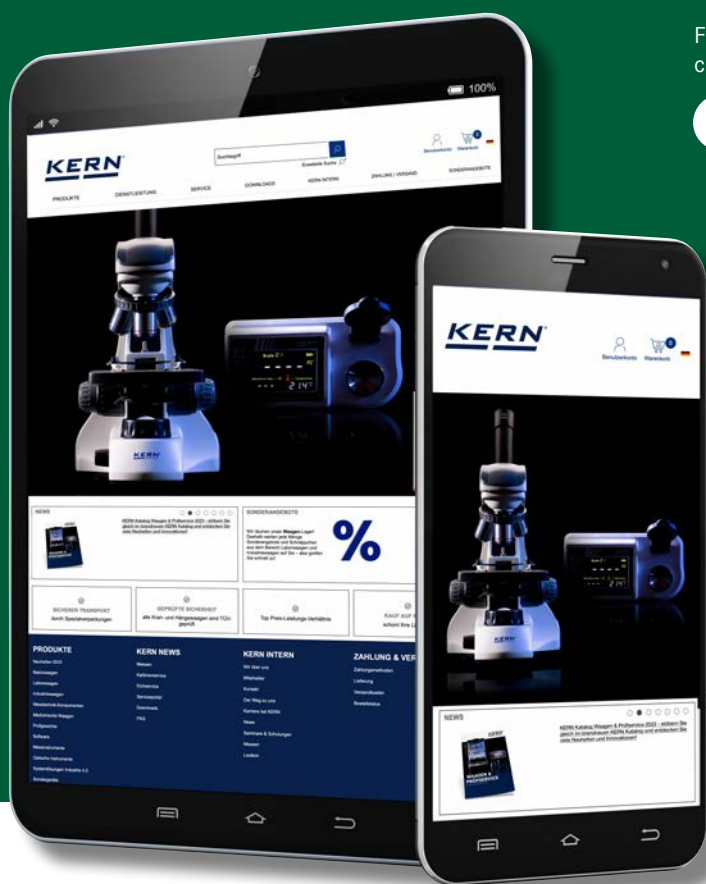
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KERN & SOHN GmbH
Balances, Test weights, Microscopes,
DAkKS calibration laboratory
Ziegelei 1
72336 Balingen
Germany
Tel. +49 7433 9933-0
info@kern-sohn.com



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