

STEREOMICROSCOPE SETS

Laboratory | Industry | Food Industry



PROFESSIONAL MEASURING

2025

KERN Pictograms

 360° rotatable microscope head	 Fluorescence illumination for compound microscopes With 100 W mercury lamp and filter	 Integrated scale In the eyepiece	 Battery operation Ready for battery operation. The battery type is specified for each device.
 Monocular Microscope For the inspection with one eye	 Fluorescence illumination for compound microscopes With 3 W LED illumination and filter	 SD card For data storage	 Rechargeable battery pack Rechargeable set
 Binocular Microscope For the inspection with both eyes		 USB 2.0 interface For data transmission	 Plug-in power supply 230V/50Hz in standard version for EU. On request GB, AUS or USA version.
 Trinocular Microscope For the inspection with both eyes and the additional option for the connection of a camera	 Phase contrast unit For a higher contrast	 USB 3.0 interface For data transmission	
 Abbe Condenser With high numerical aperture for the concentration and the focusing of light	 Darkfield condenser/unit For a higher contrast due to indirect illumination	 WIFI data interface: For transmitting of the picture to a mobile display device	 Integrated power supply unit Integrated in microscope. 230V/50Hz standard EU. More standards e.g. GB, AUS or USA on request.
 Halogen illumination For pictures bright and rich in contrast	 Polarising unit To polarise the light	 HDMI digital camera For direct transmitting of the picture to a display device	
 LED illumination Cold, energy-saving and especially long-life illumination	 Infinity system Infinity corrected optical system	 PC software To transfer the measurements from the device to a PC.	 Package shipment The time required to manufacture the product internally is shown in days in the pictogram.
 Incident illumination For non-transparent objects	 Zoom magnification For stereomicroscopes	 Automatic temperature compensation For measurements between 10 °C and 30 °C	 Pallet shipment The time required to manufacture the product internally is shown in days in the pictogram.
 Transmitting illumination For transparent objects	 Auto-focus For automatic control of the focus level	 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	
 Fluorescence illumination For stereomicroscopes	 Parallel optical system For stereomicroscopes, enables fatigue-proof working		

Abbreviations

C-Mount	Adapter for the connection of a camera to a trinocular microscope	SLR camera	Single-Lens Reflex camera
FPS	Frames per second	SWF	Super Wide Field (Field number at least Ø 23 mm for 10× eyepiece)
H(S)WF	High (Super) Wide Field (Eyepiece with high eye point for wearers of glasses)	W.D.	Working Distance
LWD	Long Working Distance	WF	Wide Field (Field number up to Ø 22 mm for 10× eyepiece)
N.A.	Numerical Aperture		

KERN Models A – Z

OAB-L	108
OBE-12 · OBE-13	12
OBE-S	65
OBL-12 · OBL-13	14
OBL-14 · OBL-15	16
OBL-S · OBN-S	66
OBN-13 · OBN-15	18
OBN-14 <small>NEW</small>	20
OBS-1	8
OBT-1 · OBT-2 <small>NEW</small>	10
OCM-1	22
OCS-9	24
ODC-24	88
ODC-25 <small>NEW</small>	89
ODC-82 · ODC-83 · ODC-84	85
ODC-85 · ODC-86	86
ODC-87 · ODC-88 · ODC-89	87
OIV-2	62
OIV-3 · OIV-9 <small>NEW</small>	60
OIV-6	63
OKM-1	26
OKO-1	28
OLM-1	30
OPO-1	33
ORA	92-98
ORL-B	105
ORM	99-104
OSE-4 · OZL-9 · OZM-9	71
OSE-42	36
OSF-43	38
OXM-9	90
OZB-H	81
OZB-IR	83
OZB-M	74
OZB-UE	80
OZB-UP	79
OZG-4	56
OZL-44	40
OZL-45	46
OZL-45R	48
OZL-46	42
OZL-47	44
OZL-S	67
OZM-5	50
OZM-9	70
OZM-S · OZP-S	68
OZP-5	52
OZS-5	54

NEW New model

KERN Customer Consultants

With questions about our products and services, we will be happy to advise you:

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You will find assistance here quickly: +49 7433 9933 - ...

Service-Hotline

for general technical questions about your KERN product

→ 199

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for all technical questions concerning our microscopes, microscope cameras, refractometers, etc.

→ 777

Laboratory and Analytical Balances

for all technical questions concerning our high quality precision balances, analytical balances (especially with electromagnetic force-compensated measuring systems, tuning fork and high application density)

→ 444

SAUTER Measuring Instruments

for all technical questions concerning our SAUTER measuring instruments, test benches, force measuring accessories (clamps etc.), SAUTER software

→ 555

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for all technical questions concerning the interlocking of the latest information and communication technology with our scales, load cells and measuring devices as well as questions about KERN software

→ 200

Calibration and Verification Service

for any questions concerning our calibration and verification service

→ 196



OZM 912/913



OZM 932/933



OZM 952/953



OZM 982/983

Predefined stereo microscope sets with PREMIUM universal stand and illumination for your functional workplace

Features

- Sets which have already been defined, consisting of a stereo microscope head (p. 74), a universal stand (p. 79/80), a holder (p. 81), a ring illumination (p. 83) and a dust cover (p. 81) from our range

- Simple – convenient – affordable
- This saves you spending time on configuration and being spoilt for choice in the combination of different components. In this way you get an expensive and highly-flexible solution for your microscope workplace

Model	Microscope head		Stand	Holder	Illumination	Price excl. of VAT ex works €
	Tube	Objective Zoom				
KERN						
OZM 912	Binocular (OZM 546)	0,7× – 4,5×	Telescopic arm with plate (OZB-A5201)	With coarse focusing knob Adjustable torque of the hand wheels (OZB-A5301)	4,5 W LED ring light (OBB-A6102)	1750,-
OZM 913	Trinocular (OZM 547)	0,7× – 4,5×	Telescopic arm with plate (OZB-A5201)	With coarse focusing knob Adjustable torque of the hand wheels (OZB-A5301)	4,5 W LED ring light (OBB-A6102)	2090,-
OZM 932	Binocular (OZM 546)	0,7× – 4,5×	ball-bearing double telescopic arm with plate (OZB-A5203)	With coarse focusing knob Adjustable torque of the hand wheels (OZB-A5301)	4,5 W LED ring light (OBB-A6102)	2080,-
OZM 933	Trinocular (OZM 547)	0,7× – 4,5×	ball-bearing double telescopic arm with plate (OZB-A5203)	With coarse focusing knob Adjustable torque of the hand wheels (OZB-A5301)	4,5 W LED ring light (OBB-A6102)	2420,-
OZM 952	Binocular (OZM 546)	0,7× – 4,5×	Jointed arm with clamp (OZB-A5212)	With coarse focusing knob Adjustable torque of the hand wheels (OZB-A5301)	4,5 W LED ring light (OBB-A6102)	1750,-
OZM 953	Trinocular (OZM 547)	0,7× – 4,5×	Jointed arm with clamp (OZB-A5212)	With coarse focusing knob Adjustable torque of the hand wheels (OZB-A5301)	4,5 W LED ring light (OBB-A6102)	2090,-
OZM 982	Binocular (OZM 546)	0,7× – 4,5×	Spring loaded arm with clamp (OZB-A6302)	With coarse focusing knob Adjustable torque of the hand wheels	4,5 W LED ring light (OBB-A6102)	1870,-
OZM 983	Trinocular (OZM 547)	0,7× – 4,5×	Spring loaded arm with clamp (OZB-A6302)	With coarse focusing knob Adjustable torque of the hand wheels	4,5 W LED ring light (OBB-A6102)	2210,-



OSE 409



OZL 961/963



OZM 902/903



OZM 922/923

Predefined stereo microscope sets with ECO universal stand and illumination for your functional workplace

Features

- Sets which have already been defined (except OSE 409), consisting of a stereo microscope head (p. 74), a universal stand (p. 79/80), a holder (p. 81), a ring illumination (p. 83) and a dust cover (p. 81) from our range

- Simple – convenient – affordable
- This saves you spending time on configuration and being spoilt for choice in the combination of different components. In this way you get an expensive and highly-flexible solution for your microscope workplace

Model	Microscope head		Stand	Holder	Illumination	Price excl. of VAT ex works €
	Tube	Objective Zoom				
KERN						
OSE 409	Binocular (WF 10×/ ø 20 mm)	1× (WD: 230 mm)	Swivel arm with block pedestal	With coarse focusing knob Adjustable torque of the hand wheels	3W LED goose neck (integrated)	440,-
OZL 961	Binocular (OZL 461)	0,7× – 4,5×	Telescopic arm with plate	With coarse focusing knob Adjustable torque of the hand wheels	4,5 W LED ring light (OBB-A6 102)	950,-
OZL 963	Trinocular (OZL 462)	0,7× – 4,5×	Telescopic arm with plate	With coarse focusing knob Adjustable torque of the hand wheels	4,5 W LED ring light (OBB-A6 102)	990,-
OZM 902	Binocular (OZM 546)	0,7× – 4,5×	Telescopic arm with plate (OZB-A 1201)	With coarse focusing knob Adjustable torque of the hand wheels (OZB-A530 1)	4,5 W LED ring light (OBB-A6 102)	1560,-
OZM 903	Trinocular (OZM 547)	0,7× – 4,5×	Telescopic arm with plate (OZB-A 1201)	With coarse focusing knob Adjustable torque of the hand wheels (OZB-A530 1)	4,5 W LED ring light (OBB-A6 102)	1900,-
OZM 922	Binocular (OZM 546)	0,7× – 4,5×	ball-bearing double telescopic arm with plate (OZB-A 1203)	With coarse focusing knob Adjustable torque of the hand wheels (OZB-A530 1)	4,5 W LED ring light (OBB-A6 102)	1610,-
OZM 923	Trinocular (OZM 547)	0,7× – 4,5×	ball-bearing double telescopic arm with plate (OZB-A 1203)	With coarse focusing knob Adjustable torque of the hand wheels (OZB-A530 1)	4,5 W LED ring light (OBB-A6 102)	1950,-

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