PROFESSIONAL MEASURING
SINCE 1844

KERN

Product brochure

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KERN OZP 556

Professional and powerful – thanks to its extremely large magnification range, strong illumination and first-class optics

ENGLISH

CONTACT

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FEATURES

- The KERN OZP stereo zoom microscope stands out through its above-average magnification range and its robust shape which is also ergonomic, it enables effortless, simple working over a period of several hours
- The KERN OZP is available as a strong, continuously adjustable 3 W LED reflected and transmitted light variant for the very best illumination of your sample
- With its large working distance, an extra large field of view and its brilliant resolution, the KERN OZP provides sharp, high-contrast, colour-true images.
- As standard this microscope offers you continuous total magnification of 6x–55x
- There is a choice of a binocular model as well as a trinocular model for connecting a camera for documentation purposes and for quality reports
- The pillar stand is particularly flexible due to its variable and sturdy adjustment mechanism and therefore enables ergonomic working procedures.
- A large selection of eyepieces, (universal) stands, a darkfield kit, external illumination units as well as auxiliary objectives and more are available as accessories
- A protective dust cover, eye cups, as well as multi-lingual user instructions are included in the scope of delivery

MAIN SCOPE OF APPLICATIONS

- zoology and botany, Quality control, LCD/LED electronics, semiconductor technology, assembly and repair

APPLICATIONS AND SAMPLES

- Samples with focus on three-dimesnional impression (depth, thickness), e.g. insects, seeds, circuit boards, components

TECHNICAL DATA

- Optical system: Greenough
- Brightness adjustable (separate)
- Tube 35° inclined
- Magnification ratio: 9,2:1
- Light distribution:
- Interpupillary distance: 52 mm–76 mm
- Diopter adjustment, both-sided
- Overall dimensions W×D×H 330×285×470 mm
- Net weight approx. 4,8 kg

PICTOGRAMS

Standard

Option

ACCESSORIES

Model	Description
OBB-A1387	Protective dust cover OBB-A1387 (485×450 mm)
OBB-A6102	Ring lighting OBB-A6102-2018a
OBB-A6102	Ring lighting (EU) OBB-A6102
OBB-A6102UK	Ring lighting (UK) OBB-A6102UK
OBB-A6205	Object clamp OBB-A6205
OCS-A1101	Cleaning liquid OCS-A1101
OCS 901	Cleaning set for microscopes OCS 901
ODC 874	Microscope Ocular Camera ODC 874 (3,1 MP, USB 2.0)
ODC 881	Microscope Ocular Camera ODC 881 (5,1 MP, USB 3.0)
OZB-A4571	Ring lighting (EU) OZB-A4571
OZB-A4571UK	Ring lighting (UK) OZB-A4571UK
OZB-A4572	Ring lighting (EU) OZB-A4572
OZB-A4572UK	Ring lighting (UK) OZB-A4572UK
OZB-A4601	Darkfield application OZB-A4601
OZB-A5133	Stereomicroscope Stand OZB-A5133

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Model	Description
OZB-A5190	Stand insert glass OZB-A5190
OZB-A5201	Stereomicroscope Stand OZB-A5201
OZB-A5203	Stereomicroscope Stand OZB-A5203
OZB-A5211	Stereomicroscope Stand OZB-A5211
OZB-A5212	Stereomicroscope Stand OZB-A5212
OZB-A5213	Stereomicroscope Stand OZB-A5213
OZB-A5503	Eyepiece OZB-A5503 (Ø 30 mm | HSWF 10x | Ø 23 mm)
OZB-A5504	Eyepiece OZB-A5504 (Ø 30 mm | SWF 15x | Ø 17 mm)
OZB-A5505	Eyepiece OZB-A5505 (Ø 30 mm | SWF 20x | Ø 14 mm)
OZB-A5506	Eyepiece OZB-A5506 (Ø 30 mm | SWF 30x | Ø 9 mm)
OZB-A5512	Eyepiece OZB-A5512 (Ø 30 mm | HSWF 10x | Ø 23 mm | with scale 0,1 mm)
OZB-A5513	Eyepiece OZB-A5513 (Ø 30 mm | SWF 15x | Ø 17 mm | with scale 0,05 mm)
OZB-A5514	Eyepiece OZB-A5514 (Ø 30 mm | SWF 20x | Ø 14 mm | with scale 0,05 mm)
OZB-A5611	Auxiliary objective OZB-A5611 (0,37x)
OZB-A5613	Auxiliary objective OZB-A5613 (0,7x)
OZB-A5614	Solder protection lens OZB-A5614
OZB-A5615	Auxiliary objective OZB-A5615 (1,5x)
OZB-A5616	Auxiliary objective OZB-A5616 (2x)
OZB-A5781	Microscope stage OZB-A5781
OZB-A5782	Microscope stage OZB-A5782
OZB-A6301	Stereomicroscope Stand OZB-A6301
OZB-A6302	Stereomicroscope Stand OZB-A6302
OZB-A6303	Stereomicroscope Stand (Universal) OZB-A6303
OZB-A7101EU	Polarization ring illumination OZB-A7101EU
OZB-A7101UK	Polarization ring illumination OZB-A7101UK

KERN Pictogram Overview

	360° rotatable microscope head
	Binocular Microscope: For the inspection with both eyes
	LED illumination: Cold, energy saving and especially long-life illumination
	Incident illumination: For non-transparent objects
	Transmitting illumination: For transparent objects
	Zoom magnification: For stereomicroscopes
	Plug-in power supply: 230V/50Hz in standard version for EU, CH. On request GB, USA or AUS version available
	Package shipment by courier service: The duration of internal product provision is one day
	Length measurement: Integrated scale in the eyepiece

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