PROFESSIONAL MEASURING
SINCE 1844

KERN

Product brochure

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KERN OZL 456

The practical and flexible stereo zoom microscope with integrated LED ring illumination and large zoom range

ENGLISH

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FEATURES

- The KERN OZL 456 stereo zoom microscope will impress you with its excellent optical characteristics, easy operation and its integrated LED ring illumination unit
- The highlight of the KERN OZL 456 is the strong, continuoulsy dimmable, integrated LED ring illumination in the objective housing,which ensures uniform, shadow-free illumination. An LED transmitted light variant is also included
- With its built-in, top-quality optics and powerful, integrated LED illumination unit, this model is a special all-rounder for all areas of application
- As standard this microscope offers you continuous total magnification of 7,5x–50x
- As standard, the KERN OZL-45R series is provided as a binocular version with 10× eyepieces with a field of view with a diameter of 23 mm
- The arm curved stand gives you a large working area as well as a precise adjustment mechanism
- A large selection of eyepieces as well as auxiliary objectives 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
- tissue preparation
- section
- Quality control

APPLICATIONS AND SAMPLES

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

TECHNICAL DATA

- Optical system: Greenough
- Incident illumination dimmable
- Tube 45° inclined
- Magnification ratio: 6,7:1
- Interpupillary distance: 55 mm–75 mm
- Diopter adjustment, both-sided
- Overall dimensions W×D×H 320×275×420 mm
- Net weight approx. 4,6 kg

PICTOGRAMS

Standard

ACCESSORIES

Model	Description
OBB-A1387	Protective dust cover OBB-A1387 (485×450 mm)
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-A4112	Eyepiece OZB-A4112 (Ø 30 mm | HWF 5x | Ø 23,2 mm)
OZB-A4119	Eyepiece OZB-A4119 (Ø 30 mm | HWF 15x | Ø 15 mm)
OZB-A4120	Eyepiece OZB-A4120 (Ø 30 mm | HSWF 20x | Ø 14,5 mm)
OZB-A4121	Eyepiece OZB-A4121 (Ø 30 mm | HWF 25x | Ø 11,7 mm)
OZB-A4601	Darkfield application OZB-A4601
OZB-A4605	Microscope stage OZB-A4605
OZB-A4805	Stand insert frosted glass OZB-A4805
YKA-02	Travel adapter YKA-02

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

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