



Dimmable, integrated LED ring illumination

LAB LINE

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

Features

- The KERN OZL-456 stereo zoom microscope series 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
- The zoom objective offers you continuous magnification from 7,5× – 50×

- 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
- Please find detailed information in the following model outfit list

#TESTOR

www.atestor.hu

Scope of application

 In vitro fertilisation, detection of parasites, zoology and botany, tissue preparation, section, quality control

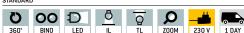
Applications/Samples

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

Technical data

- Optical system: Greenough optics
- · Incident illumination dimmable
- Tube 45° inclined
- Magnification ratio: 6,7:1
- Interpupillary distance 55 75 mm
- Diopter adjustment: Both-sided
- Overall dimensions W×D×H 320×275×420 mm
- Net weight approx. 4,5 kg

STANDARI



Model		Standard configuration					
	Tube	Eyepiece	Field of view	Objective	Stand	Illumination	excl. of VAT ex works
KERN			mm	Zoom			€
OZL 456	Binocular	HSWF 10×/Ø 23 mm	Ø 33 - 5	0,75× - 5,0×	Arm curved	1 W LED (incident); 0,21 W LED (transmitted)	730,-

50 Stereomicroscopes www.kern-sohn.com ·

Eyepiece	Specifications - Objectives				
	Magnification	Standard			
		1,0×			
HWF 5×	Total magnification	3,75× - 25×			
11W1 3^	Field of view mm	Ø 31-4,6			
HSWF 10×	Total magnification	7,5×-50×			
HSWF IU×	Field of view mm	ø 33-5			
HWF 15×	Total magnification	11,25×-75×			
HWF 15*	Field of view mm	Ø 24 - 4,2			
HSWF 20×	Total magnification	15× – 100×			
HSWF 20×	Field of view mm	Ø 20 – 3,5			
HWF 25×	Total magnification	18,75× – 125×			
HWF 25×	Field of view mm	Ø 15,8 - 2,4			
Working distance		113 mm			
Maximum sample height		45 mm			

Model outfit		Model KERN	Order number	Price/piece excl. of VAT		
		OZL 456		ex works €		
	HWF 5×/ø 23,2 mm	00	OZB-A4112	40,-		
	HSWF 10×/ø 23 mm	√ √	OZB-A4118	40,-		
Eyepieces (30,0 mm)	HWF 15×/Ø 15 mm	00	OZB-A4119	40,-		
(,,	HSWF 20×/ø 14,5 mm	00	OZB-A4120	60,-		
	HWF 25×/Ø 11,7 mm	00	OZB-A4121	60,-		
Stand	Arm curved, with LED illumination (0,21 W transmitted + 1 W incident)	✓				
0	Frosted glass/Ø 95 mm	✓	OZB-A4805	19,-		
Stage plate	Black-white/ø 95 mm	✓	OZB-A4806	19,-		
Mechanical stage (Pre-assembling on request)	Stage size W×D 180×155 mm, Travel 75×55 mm, for transmitted and incident illumination	0	OZB-A4605	235,-		
External illumination	Please find the information about external illumination units in the catalogue on page 83 and on our website www.kern-sohn.com					

✓ = Included with delivery

O = Option

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