

# KERN OSE 421

**KERN**

Stereo microscope with robust, ergonomic design, ideal for workshops, schools and training



## Category

Brand	Optics
Product category	Microscope
Product group	Stereo microscope
Product family	OSE-42

## Construction

Dimension (W×D×H)	200×180×300 mm
Optical system	Greenough
Tube type	Binocular
Tube angle of inclination	45°
Contrasting methods	Bright field
Standard objectives	4× 2×
Eyepieces fixed	✓
Interpupillary distance [Min]	55 mm
Interpupillary distance [Max]	75 mm
Diopter adjustment	both-sided
Diopter adjustment [Min]	-5
Diopter adjustment [Max]	5

## Ocular

Ocular type	Eyepiece WF 10 x / Ø 20mm with anti-fungus
Ocular field width	WF
Eye point	Standard
Ocular magnifications	10 x
Ocular visual field	20 mm
Ocular diameter	30,5 mm

## Objective

Objectives magnifications	2x / 4x
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## Illumination

Illuminance	Reflected light Transmitted light
Illumination type incident light	LED
Illumination type transmitted light	LED
Illumination intensity incident light	1 W
Illumination intensity transmitted light	1 W
Illumination dimmable	Incident light + Transmitted light, collectively

## Focussing

Field of view [Min]	5,5 mm
Field of view [Max]	11 mm
Zoom [Min]	2 x
Zoom [Max]	4 x
Torque regulation	✓
Working distance	57 mm
Focusing mechanism	coarse drive

## Stereomicroscope stand

Stand type	mechanical
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## Power Supply

Supplied power supply	Power supply unit
Plug-in power supply type	Power adapter
Plug-in power supply / adapter for countries - included with the delivery	EURO
Plug-in power supply / adapter for countries - optional	AUS UK US CH
Input voltage power supply / power [Max]	100 V - 240 V AC 50/60 Hz 0.4 A max
Input voltage device / power [Max]	4,5 V, 1000 mA
Power socket for mains adapter	Inside minus, outside plus
Battery connection	Pad + Spring
Battery operating time	4 h

## Environmental conditions

Storage temperature [Min]	-5 °C
Storage temperature [Max]	40 °C

## Approval

CE mark	✓
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## Packing & Shipping

Delivery time	1 d
Dimensions packaging (W×D×H)	340×310×225 mm
Shipping method	Parcel service
Net weight approx.	2,2 kg
Gross weight approx.	2,6 kg
Shipping weight	4,7 kg

## Pictograms

### STANDARD

