

# KERN OSF 438

**KERN**

The practical and robust product for schools, training centres, the workshop and laboratory



## Category

Brand	Optics
Product category	Microscope
Product group	Stereo microscope
Product family	OSF-43

## Approval

CE mark	✓
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## Construction

Dimension (W×D×H)	230×180×275 mm
Optical system	Greenough
Tube type	Binocular
Tube angle of inclination	45°
Standard objectives	1× 2× 3×
Eyepieces fixed	✓
Diopter adjustment	one-sided
Diopter adjustment [Min]	-5
Diopter adjustment [Max]	5
Contrasting methods	Bright field
Interpupillary distance [Max]	75 mm
Interpupillary distance [Min]	55 mm

## Ocular

Ocular field width	WF
Ocular magnifications	10 x
Ocular visual field	20 mm
Ocular diameter	30,5 mm

## Focussing

Torque regulation	✓
Working distance	57 mm
Field of view [Min]	6,7 mm
Field of view [Max]	20 mm
Focusing mechanism	coarse drive

## Illumination

Illumination type incident light	LED
Illumination intensity incident light	1 W
Illumination intensity transmitted light	0,35 W
Illumination type transmitted light	LED
Illuminance	Reflected light Transmitted light

## Power Supply

Input voltage power supply / power [Max]	100 - 240 V
Input voltage device / power [Max]	4,5 V
Plug-in power supply type	Power adapter
Supplied power supply	Power supply unit
Plug-in power supply / adapter for countries - included with the delivery	EURO
	AUS
Plug-in power supply / adapter for countries - optional	UK US CH

## Environmental conditions

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

## Packing & Shipping

Readability force [d] (N)	1 d
Dimensions packaging (W×D×H)	340×310×225 mm
Net weight	2,323 kg
Shipping method	Parcel service
Net weight approx.	2,4 kg
Gross weight approx.	2,8 kg
Shipping weight	4,7 kg

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## Pictograms

### STANDARD

