

KERN OSF 439

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

Construction

Dimension (W×D×H)	230×180×275 mm
Optical system	Greenough
Tube type	Binocular
Tube angle of inclination	45°
Contrasting methods	Bright field
Standard objectives	4× 1× 2×
Eyepieces fixed	✓
Interpupillary distance [Min]	55 mm
Interpupillary distance [Max]	75 mm
Diopter adjustment	one-sided
Diopter adjustment [Min]	-5
Diopter adjustment [Max]	5

Ocular

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

Objective

Objectives magnifications	1x / 2x / 4x
---------------------------	--------------

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	0,35 W

Focussing

Field of view [Min]	5 mm
Field of view [Max]	20 mm
Torque regulation	✓
Working distance	57 mm
Focusing mechanism	coarse drive

Stereomicroscope stand

Stand type	mechanical
------------	------------

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
	AUS
Plug-in power supply / adapter for countries - optional	UK US CH
Input voltage power supply / power [Max]	100 - 240 V
Input voltage device / power [Max]	4,5 V

Environmental conditions

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

Approval

CE mark	✓
---------	---

Packing & Shipping

Delivery time	1 d
Dimensions packaging (W×D×H)	340×320×225 mm
Shipping method	Parcel service
Net weight approx.	2,4 kg
Gross weight approx.	2,8 kg
Shipping weight	4,9 kg

KERN OSF 439



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

Product information

GTIN/EAN number	4045761170117
REACH classification	no prohibited substances

Pictograms

STANDARD

