

# KERN OBT 103

The modern compound microscope for teaching in your class room

# KERN



Category	
Brand	Optics
Product category	Microscope
Product group	Compound microscope
Product family	OBT-1

Construction	
Dimension (W×D×H)	195×147×325 mm
Optical system	Finite
Tube type	Monocular
Tube angle of inclination	45°
Tube 360° rotation	✓
Contrasting methods	Bright field
Standard objectives	4× 10× 40×
Lens quality	achromatic
Nosepiece screw-in locations	4
Eyepieces fixed	✓

Ocular	
Ocular type	Eyepiece WF 10 x / Ø 18mm
Ocular field width	WF
Eye point	Standard
Ocular magnifications	10 x
Ocular visual field	18 mm
Ocular diameter	23,2 mm

Objective	
Objectives - Details	Objective Achromatic 10 x / 0,25

	Objective Achromatic 4 x / 0,1
	Objective Achromatic 40 x / 0,65 spring
Objectives magnifications	4 x / 10 x / 40 x

Illumination	
Illuminance	Transmitted light
Illumination type transmitted light	LED
Illumination intensity transmitted light	1 W
Illumination dimmable	Transmitted light
Filter possible	✓
Aperture diaphragm	✓

Focussing	
Field of view [Min]	0,45 mm
Field of view [Max]	4,5 mm
Fine drive minimum	0,0025 mm
Focusing mechanism	coaxial coarse and fine drive

Power Supply	
Supplied power supply	Power supply & battery function (battery not included)
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 - 240 V
Input voltage device / power [Max]	5 V 1000 mA
Battery connection	Pad + Spring

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

Approval	
CE mark	✓

Packing & Shipping	
Delivery time	1 d

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Dimensions packaging (W×D×H) 400×280×195 mm

Net weight 2,755 kg

Shipping method Parcel service

Net weight approx. 2,8 kg

Gross weight approx. 3,4 kg

Shipping weight 4,4 kg

## Pictograms

### STANDARD



### OPTION

