

# KERN OBT 106

# KERN

The modern compound microscope for teaching in your class room



Ocular visual field	18 mm
Ocular diameter	23,2 mm

Objective	
Objectives - Details	Objective Achromatic 10x / 0,25
	Objective Achromatic 100x / 1,25 oil, spring
	Objective Achromatic 4x / 0,1
	Objective Achromatic 40x / 0,65 spring
Objectives magnifications	4x / 10x / 40x / 100x

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

Condensor	
Condensor type	Abbe

Power Supply	
Supplied power supply	Power supply & battery function (battery not included)
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
Power supply cable removable	removable
Input voltage device / power [Max]	5 V 1000 mA

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

Construction	
Dimension (WxDxH)	195x147x325 mm
Optical system	Finite
Tube type	Binocular
Tube angle of inclination	45°
Tube 360° rotation	✓
Contrasting methods	Bright field
Standard objectives	4x
	10x
	40x
	100x
Lens quality	achromatic
Nosepiece screw-in locations	4
Eyepieces fixed	✓
Interpupillary distance [Min]	48 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 18mm
Ocular field width	WF
Eye point	Standard
Ocular magnifications	10x

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Power socket for mains adapter      Inside plus, outside minus

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

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

Shipping method                          Parcel service

Net weight approx.                      2,8 kg

Gross weight approx.                   3,4 kg

Shipping weight                          4,4 kg

## Product information

GTIN/EAN number                        4045761235076

Trade number                              90118000

REACH classification                      no prohibited substances

## Pictograms

### STANDARD



### OPTION

