

KERN OBT 106

KERN

The modern compound microscope for teaching in your class room



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

Approval	
CE mark	✓

Construction	
Dimension (W×D×H)	195×147×325 mm
Optical system	Finite
Tube type	Binocular
Tube angle of inclination	45°
Tube 360° rotation	✓
Lens quality	achromatic
Standard objectives	4× 10× 40× 100×
Nosepiece screw-in locations	4
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]	48 mm

Ocular	
Ocular field width	WF
Eye point	Standard

Ocular magnifications	10 x
Ocular visual field	18 mm
Ocular diameter	23,2 mm

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

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

Power Supply	
Input voltage power supply / power [Max]	100 - 240 V
Input voltage device / power [Max]	4,5 V, 1000 mA
Plug-in power supply type	Power adapter
Supplied power supply	Power supply & battery function (battery not included)
Plug-in power supply / adapter for countries - included with the delivery	EURO
	AUS
Plug-in power supply / adapter for countries - optional	UK US CH
Battery connection	Pad + Spring

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)	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

KERN OBТ 106



The modern compound microscope for teaching in your class room

Shipping weight 4,4 kg

Objective

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

Pictograms

STANDARD



OPTION

