KERN OBT 104



18 mm

The modern compound microscope for teaching in your class room



Eye point

Ocular magnifications

		manmation
		Illuminance
Category		Illumination of
Brand	Optics	Aperture diap
Product categoriy	Microscope	Filter possible
Product group	Compound microscope	
Product family	OBT-1	Power Sup
, 		Input voltage
Zulassung		power [Max]
CE mark	1	Input voltage
	•	Plug-in power
Construction		
Dimension (W×D×H)	195×147×325 mm	Supplied pow
Optical system	Finite	Plug-in power
Tube type	Binocular	countries - in
Tube angle of inclination	45°	delivery
Tube 360° rotation	+3 ✓	
Lens quality	achromatic	Plug-in powe
	4×	countries - o
Standard objectives	10×	D
	40×	Battery conne
Nosepiece screw-in locations	4	Environme
Eyepieces fixed	✓	
Diopter adjustment	one-sided	Storage temp
Diopter adjustment [Min]	-5	Storage temp
Diopter adjustment [Max]	5	
Contrasting methods	Bright field	Packing & S
Interpupillary distance [Max]	75 mm	Readability for
Interpupillary distance [Min]	48 mm	Dimensions p
		Net weight
Ocular		Shipping met
Ocular field width	WF	Net weight a
		Crease waight

Standard

10 x

	10 11111	
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	
	coaxial coarse and fine	
Focusing mechanism	drive	
	dive	
Illumination		
Illumination intensity transmitted	1 W	
light	I VV	
Illumination type transmitted light	LED	
Illuminance	Transmitted light	
Illumination dimmable		
	Transmitted light	
Aperture diaphragm	✓	
Filter possible	\checkmark	
Power Supply		
Input voltage power supply /	100 - 240 V	
power [Max]		
Input voltage device / power [Max]	5 V 1000 mA	
Plug-in power supply type	Power adapter	
	Power supply & battery	
Supplied power supply	function (battery not	
	included)	
Plug-in power supply / adapter for		
countries - included with the	EURO	
delivery		
	AUS	
Plug-in power supply / adapter for	UK	
countries - optional	US	
optional	СН	
Dettery connection		
Battery connection	Pad + Spring	
- · · · · · · · ·		
Environmental conditions		
Storage temperature [Min]	-5 °C	
Storage temperature [Max]	40 °C	
Storage temperature [wax]		
	40 0	
Deaking & Chinning	40 C	
Packing & Shipping	40 C	
Packing & Shipping Readability force [d] (N)	40 C	
Readability force [d] (N)	1 d	
Readability force [d] (N) Dimensions packaging (W×D×H)	1 d 400×280×195 mm	
Readability force [d] (N) Dimensions packaging (W×D×H) Net weight	1 d 400×280×195 mm 2,755 kg	
Readability force [d] (N) Dimensions packaging (W×D×H) Net weight Shipping method	1 d 400×280×195 mm 2,755 kg Parcel service	
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Readability force [d] (N) Dimensions packaging (W×D×H) Net weight Shipping method	1 d 400×280×195 mm 2,755 kg Parcel service	
Readability force [d] (N) Dimensions packaging (W×D×H) Net weight Shipping method Net weight approx.	1 d 400×280×195 mm 2,755 kg Parcel service 2,8 kg	

Ocular visual field

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Objective

Objective Achromatic 10 x / 0,25 Objective Achromatic 4 x / 0,1 Objective Achromatic 40 x / 0,65 spring

Pictograms

Objectives - Details

STANDARD



OPTION

