

KERN OBT 104

The modern compound microscope for teaching in your class room



Article codes, product groups & Status information

Model article-code	OBT 104
Model-Serie	OBT-1
Assortment	Microscopes & Optical Metrology
Product Type	Microscopes
Product group	Transmitted light microscopes
Product usage type	Main article
EAN code (Model)	4045761228979
Predecessor Model	OBS 104; OBS 106; OBS 114; OBS 116
Planned start date	2020-1HJ
Customs tariff number	90118000
CE Label	Yes
Country of Origin	CN

Technical data - Primary

Optical System	Finite
Tube	Binocular
Eyepiece	Eyepiece WF 10x / Ø 18mm
Standard Objectives	10x;40x;4x
Objective quality	Achromatic
Illumination	1W LED (Durchlicht)

Technical data - Construction

System	Upright
Tube angle	45°
Tube rotation	Yes

Nosepiece positions	4
Eye distance (max)	75 mm
Eye distance (min)	48 mm
Adjustable dioptré	One-sided
Focusing mechanics	Coaxial coarse and fine drive
Fine drive minimum	0,0025 mm
Table size	115×82×15 mm
Table traveling distance	52 mm;20 mm
Aperture diaphragm	Yes
Condenser Type	Abbe
Condenser aperture	1,25
Condenser mounting	Fixed
Dimensions (W×D×H)	195×147×325 mm

Technical data - Power supply

Power supply kind	Power adapter
Input Voltage	100 - 240 V
Protection Class	Class III - Low voltage
Cable attachment	Removable
Battery compartment	Internal - with lid

Technical data - Environmental conditions

Storage Temp Min	-5 °C
Storage Temp Max	40 °C

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Technical data - Packing & Shipping

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

Gross weight 3,4 kg

Net weight 2,8 kg

Shipping method Parcel service

Packaging component - by weight - cardboard 250 g

Packaging component - by weight - plastics 15 g

Packaging component - by weight - styrofoam 190 g

Delivery time 1 d

Technical data - Verification

WEEE Yes

Technical data - Illumination

Illumination directions Transmitted light

Transmitted light type LED

Transmitted light intensity 1 W

Dimmable Transmitted light

Functions

Standard



Option

