KERN OBE 134T241

Our all-round compound microscope as a comprehensive digital solution for schools, training and laboratories



Article codes, product groups & Status information	
Model article-code	OBE 134T241
Model-Serie	OBE-S
Assortment	Microscopes & Optical Metrology
Segment	Microscopes
Product group	Transmitted light microscopes
Product usage type	Main article
EAN code (Model)	4045761356818
Predecessor Model	OBE 114T241
Planned start date	2023-1HJ
Customs tariff number	90118000
CE Label	Yes
Country of Origin	CN

Technical data - Primary	
Optical System	Finite
Tube	Trinocular
Standard Objectives	100x;10x;40x;4x
Objective quality	Achromatic
Illumination	3W LED (transmitted light)

Technical data - Construction	
System	Upright
Tube type	Butterfly
Tube angle	30°
Tube rotation	Yes
Nosepiece positions	4
Eye distance (max)	75 mm
Eye distance (min)	50 mm
Adjustable dioptre	One-sided
Focusing mechanics	Coaxial coarse and fine drive
Fine drive minimum	0,002 mm
Table traveling distance	50 mm;70 mm
Aperture diaphragm	Yes
Condenser Type	Abbe
Condenser aperture	1,25
Condenser mounting	Fixed
Dimensions (W×D×H)	360×235×540 mm

Technical data - Power supply	
Power supply kind	Power adapter
Input Voltage	100 - 240 V
Protection Class	Class III - Low voltage
Cable attachment	Removable
Interfaces	HDMI;MicroSD;USB 2.0;WLAN

Technical data - Environmental conditions	
Storage Temp Min	-5 °C
Stotage Temp Max	40 °C

Technical data - Packing & Shipping

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Dimensions packaging (W×D×H)	560×440×330 mm
Gross weight	8 kg
Net weight	6 kg
Shipping method	Parcel service
Delivery time	1 d

Technical data - Verification

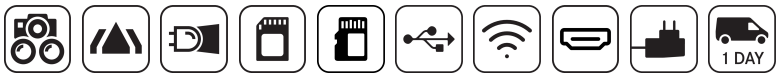
WEEE	Yes

Technical data - Illumination

Illumination directions	Transmitted light
Transmitted light type	LED
Transmitted light intensity	3 W
Dimmable	Transmitted light

Functions

Standard



Option

