KERN OBN 142T251

Fluorescence digital set: high-resolution image quality for complex analyses



Article codes, product groups & Status information	
Model article-code	OBN 142T251
Model-Serie	OBN-S
Assortment	Microscopes & Optical Metrology
Segment	Microscopes
Product group	Transmitted light microscopes
Product usage type	Main article
EAN code (Model)	4045761490918
Planned start date	2025-2HJ
Customs tariff number	90118000
CE Label	Yes
Country of Origin	CN

Technical data - Primary	
Optical System	Infinity
Tube	Trinocular
Standard Objectives	100x;10x;20x;40x;4x
Objective quality	Infinity Plan
Illumination	3W LED (Durchlicht), 5W LED (Auflicht)

Technical data - Construction	
System	Upright
Tube type	Siedentopf
Tube angle	30°
Tube rotation	Yes
Nosepiece positions	5
Eye distance (max)	75 mm
Eye distance (min)	50 mm
Adjustable dioptre	Both-sided
Focusing mechanics	Coaxial coarse and fine drive
Fine drive minimum	0,002 mm
Table traveling distance	78 mm;55 mm
Aperture diaphragm	Yes
Condenser Type	Abbe
Condenser aperture	1,25
Condenser mounting	Centerable
Dimensions (W×D×H)	390×235×620 mm

Technical data - Power supply	
Power supply kind	Power adapter
Input Voltage	100 - 240 V
Power Plug	Hohlstecker, innen Plus, Ø außen 5.5 mm, Ø innen 2.5 mm, lang 10 mm
Protection Class	Class III - Low voltage
Cable attachment	Removable
Interfaces	Bluetooth;Ethernet;HDMI;USB 2.0;USB 3.0;WLAN

Technical data - Environmental conditions	
Storage Temp Min	-5 °C

Stotage Temp Max	40 °C

Technical data - Packing & Shipping	
Dimensions packaging (W×D×H)	590×440×390 mm
Gross weight	20 kg
Net weight	11 kg
Shipping method	Parcel service
Delivery time	1 d

Technical data - Verification	
WEEE	Yes

Technical data - Illumination	
Illumination directions	Reflected light;Transmitted light
Transmitted light type	LED
Transmitted light intensity	3 W
Incident light type	LED
Incident light intensity	5 W
Dimmable	Incident light + Transmitted light, separate
Koehler	Yes

Functions

Standard



Option

