

KERN OKO 178T251

Digital set with metallurgical microscope, camera and C-mount adapter



Article codes, product groups & Status information

Model article-code	OKO 178T251
Model-Serie	OKO-S
Assortment	Microscopes & Optical Metrology
Product Type	Microscopes
Product group	Transmitted light microscopes
Product usage type	Main article
EAN code (Model)	4045761490949
Planned start date	2026-1HJ
Customs tariff number	90118000
CE Label	Yes
Country of Origin	CN

Technical data - Primary

Optical System	Infinity
Tube	Trinocular
Standard Objectives	10x;20x;50x;5x
Objective quality	Infinity Plan
Illumination	5W LED (transmitted light), 5W LED (reflected light)

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 dioptr	Both-sided
Focusing mechanics	Coaxial coarse and fine drive
Fine drive minimum	0,002 mm
Table traveling distance	77 mm;52 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
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Storage Temp Max	40 °C
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Technical data - Packing & Shipping

Dimensions packaging (W×D×H)	590×440×390 mm
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Gross weight	14 kg
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Net weight	11 kg
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Shipping method	Parcel service
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Delivery time	1 d
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Technical data - Verification

WEEE	Yes
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Technical data - Illumination

Illumination directions	Reflected light; Transmitted light
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Transmitted light type	LED
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Transmitted light intensity	5 W
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Incident light type	LED
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Incident light intensity	5 W
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Dimmable	Incident light + Transmitted light, separate
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Koehler	Yes
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Functions

Standard

