# KERN OBN 159T251

Digital set with microscope, 4K camera and C-mount adapter for convenient observation and precise documentation of the sample



| Article codes, product groups & Status information | |
|---|---|
| Model article-code | OBN 159T251 |
| Model-Serie | OBN-S |
| Assortment | Microscopes & Optical Metrology |
| Segment | Microscopes |
| Product group | Transmitted light microscopes |
| Product usage type | Main article |
| EAN code (Model) | 4045761490925 |
| 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 | 4x;PH 100x;PH 10x;PH 20x;PH 40x |
| Objective quality | Infinity Plan |
| Illumination | 3W LED (transmitted 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 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 |

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| Technical data - Packing & Shipping | |
|---|---|
| Dimensions packaging (W×D×H) | 590×440×390 mm |
| Gross weight | 14 kg |
| Net weight | 11 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 |
| Koehler | Yes |

## Functions

### Standard




### Option

