# KERN OBE 122

Elegant, dynamic and impressive - the all-round compound microscope for schools, training and laboratories

| Article codes, product groups & Status information | |
|---|---|
| Model article-code | OBE 122 |
| Model-Serie | OBE-12 |
| Assortment | Microscopes & Optical Metrology |
| Product Type | Microscopes |
| Product group | Transmitted light microscopes |
| Product usage type | Main article |
| EAN code (Model) | 4045761235977 |
| Predecessor Model | OBE 102; OBE 103 |
| 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 HWF 10x / Ø 18mm with anti-fungus, high eye point |
| Standard Objectives | 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) | 48 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) | 360×150×320 mm |

| Technical data - Power supply | |
|---|---|
| Power supply kind | Power adapter |
| Input Voltage | 100 V - 240V AC 50/60Hz 0,3A |
| Protection Class | Class III - Low voltage |
| Cable attachment | Removable |

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

| Technical data - Packing & Shipping | |
|---|---|
| Dimensions packaging (W×D×H) | 435×380×275 mm |
| Gross weight | 6 kg |
| Net weight | 4,6 kg |
| Shipping method | Parcel service |
| Packaging component - by weight - paper | 2,024 g |
| Packaging component - by weight - cardboard | 800,492 g |
| Packaging component - by weight - plastics | 10,12 g |
| Packaging component - by weight - styrofoam | 200,376 g |
| Packaging component - by weight - foam | 0 g |
| 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 |

## Functions

Standard

Option