# KERN **OZM 982**

Predefined stereo microscope sets with PREMIUM universal stand and illumination for your functional workplace



## Category

| | |
|---|---|
| Brand | Optics |
| Product category | Microscope |
| Product group | Stereo microscope set |
| Product family | OZM-9 |

## Construction

| | |
|---|---|
| Optical system | Greenough |
| Tube type | Binocular |
| Tube angle of inclination | 45° |
| Tube 360° rotation | ✓ |
| Contrasting methods | Bright field |
| Interpupillary distance [Min] | 52 mm |
| Interpupillary distance [Max] | 76 mm |
| Diopter adjustment | both-sided |
| Diopter adjustment [Min] | -6 |
| Diopter adjustment [Max] | 6 |

## Ocular

| | |
|---|---|
| Ocular type | Eyepiece HSWF 10x / Ø 23mm with anti-fungus, high eye point |
| Ocular field width | HSWF |
| Eye point | High Eye Point |
| Ocular magnifications | 10x |
| Ocular visual field | 23 mm |
| Ocular diameter | 30 mm |

## Objective

| | |
|---|---|
| Objectives magnifications | 0,7x - 4,5x |

## Illumination

| | |
|---|---|
| Illuminance | Reflected light |
| Illumination type incident light | LED |
| Illumination intensity incident light | 4,5 W |
| Illumination dimmable | Incident light |

## Focussing

| | |
|---|---|
| Field of view [Min] | 5,1 mm |
| Field of view [Max] | 32,8 mm |
| Standard total magnification [Min] | 7x |
| Standard total magnification [Max] | 45x |
| Zoom [Min] | 0,7x |
| Zoom [Max] | 4,5x |
| Sample height [Max] | 130 mm |
| Torque regulation | ✓ |
| Working distance | 110 mm |
| Magnification ratio | 6,4:1 |
| Focusing mechanism | coarse drive |

## Stereomicroscope stand

| | |
|---|---|
| Stand type | universal (spring loaded arm with clamp) |
| Diameter mounting microscope head (Ø) | 76 mm |

## Power Supply

| | |
|---|---|
| Power supply type | Built-in power supply |
| Plug-in power supply / adapter for countries - optional | EURO<br>AUS<br>UK<br>US<br>CH |
| Input voltage power supply / power [Max] | 100 - 240 V |
| Input voltage device / power [Max] | 100 - 240 V |
| Power socket for mains adapter | Protective contact plug |

## Environmental conditions

| | |
|---|---|
| Storage temperature [Min] | -5 °C |
| Storage temperature [Max] | 40 °C |

## Packing & Shipping

| | |
|---|---|
| Delivery time | 1 d |
| Dimensions packaging (W×D×H) | 700×520×350 mm |
| Shipping method | Parcel service |
| Net weight approx. | 6 kg |
| Gross weight approx. | 10 kg |

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| | |
|---|---|
| Shipping weight | 25,5 kg |
| Shipping volume weight | 25,5 kg |

## Product information

| | |
|---|---|
| GTIN/EAN number | 4045761189072 |
| Trade number | 90111000 |
| REACH classification | no prohibited substances |

## Pictograms

**STANDARD**

