

# KERN OZM 983



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                     | Trinocular   |
| Tube angle of inclination     | 45°          |
| Tube 360° rotation            | ✓            |
| Light distribution            | 0:100        |
| 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 10 x / Ø 23mm with anti-fungus, high eye point |
| Ocular field width    | HSWF                                                         |
| Eye point             | High Eye Point                                               |
| Ocular magnifications | 10 x                                                         |
| Ocular visual field   | 23 mm                                                        |
| Ocular diameter       | 30 mm                                                        |

## Objective

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

## 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] | 7 x          |
| Standard total magnification [Max] | 45 x         |
| Zoom [Min]                         | 0,7 x        |
| Zoom [Max]                         | 4,5 x        |
| 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

|                                                         |                         |
|---------------------------------------------------------|-------------------------|
| Plug-in power supply type                               | Built-in power supply   |
|                                                         | EURO                    |
| Plug-in power supply / adapter for countries - optional | AUS                     |
|                                                         | UK                      |
|                                                         | US                      |
|                                                         | 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

Pictograms