

# KERN OZM 902



Predefined stereo microscope set with simple telescopic arm and 4.5 W ring illumination unit for greater flexibility at the workstation



## 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 (telescopic arm with plate) |
| Diameter mounting universal stand (Ø) | 32 mm                                 |
| 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 |

## Approval

|         |   |
|---------|---|
| CE mark | ✓ |
|---------|---|

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## Packing & Shipping

|                              |                |
|------------------------------|----------------|
| Delivery time                | 1 d            |
| Dimensions packaging (W×D×H) | 700×520×350 mm |
| Shipping method              | Parcel service |
| Net weight approx.           | 17 kg          |
| Gross weight approx.         | 20 kg          |
| Shipping weight              | 25,5 kg        |

## Product information

|                      |                          |
|----------------------|--------------------------|
| GTIN/EAN number      | 4045761218352            |
| Trade number         | 90111000                 |
| REACH classification | no prohibited substances |

## Pictograms

### STANDARD

