

# KERN OZM 983

# KERN

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            | ✓            |
| Diopter adjustment            | both-sided   |
| Diopter adjustment [Min]      | -6           |
| Diopter adjustment [Max]      | 6            |
| Contrasting methods           | Bright field |
| Light distribution            | 100:0        |
| Interpupillary distance [Max] | 76 mm        |
| Interpupillary distance [Min] | 52 mm        |

| Ocular                |                |
|-----------------------|----------------|
| Ocular field width    | HSWF           |
| Eye point             | High Eye Point |
| Ocular magnifications | 10 x           |
| Ocular visual field   | 23 mm          |
| Ocular diameter       | 30 mm          |

| Focussing           |        |
|---------------------|--------|
| Torque regulation   | ✓      |
| Working distance    | 110 mm |
| Zoom [Min]          | 0,7 x  |
| Zoom [Max]          | 4,5 x  |
| Magnification ratio | 6,4:1  |

|                                    |              |
|------------------------------------|--------------|
| Field of view [Min]                | 5,1 mm       |
| Field of view [Max]                | 32,8 mm      |
| Focusing mechanism                 | coarse drive |
| Sample height [Max]                | 130 mm       |
| Standard total magnification [Min] | 7 x          |
| Standard total magnification [Max] | 45 x         |

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

| Power Supply  |                       |
|---|-----------------------|
| Input voltage power supply / power [Max]                | 100 - 240 V           |
| Input voltage device / power [Max]                      | 100 - 240 V           |
| Plug-in power supply type                               | Built-in power supply |
|   | EURO                  |
| Plug-in power supply / adapter for countries - optional | AUS                   |
|   | UK                    |
|   | US                    |
|   | CH                    |

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

| Packing & Shipping           |                |
|------------------------------|----------------|
| Readability force [d] (N)    | 1 d            |
| Dimensions packaging (W×D×H) | 700×520×350 mm |
| Net weight                   | 6 kg           |
| Shipping method              | Parcel service |
| Net weight approx.           | 6 kg           |
| Gross weight approx.         | 10 kg          |
| Shipping weight              | 25,5 kg        |

## Pictograms