

# KERN OZL 961



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   | OZL-9                 |

| Construction                  |                |
|-------------------------------|----------------|
| Dimension (W×D×H)             | 700×255×600 mm |
| Optical system                | Greenough      |
| Tube type                     | Binocular      |
| Tube angle of inclination     | 45°            |
| Tube 360° rotation            | ✓              |
| Contrasting methods           | Bright field   |
| Interpupillary distance [Min] | 55 mm          |
| Interpupillary distance [Max] | 75 mm          |
| Diopter adjustment            | both-sided     |
| Diopter adjustment [Min]      | -5             |
| Diopter adjustment [Max]      | 5              |

| Ocular                |                                          |
|-----------------------|------------------------------------------|
| Ocular type           | Eyepiece HWF 10x / Ø 20mm High Eye Point |
| Ocular field width    | HWF                                      |
| Eye point             | High Eye Point                           |
| Ocular magnifications | 10 x                                     |
| Ocular visual field   | 20 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]                | 4,4 mm       |
| Field of view [Max]                | 28,6 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]                | 140 mm       |
| Torque regulation                  | ✓            |
| Working distance                   | 100 mm       |
| Magnification ratio                | 6,4:1        |
| Focusing mechanism                 | coarse drive |

| Stereomicroscope stand                |                                       |
|---------------------------------------|---------------------------------------|
| Stand type                            | universal (telescopic arm with plate) |
| 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 |

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

| Packing & Shipping           |                |
|------------------------------|----------------|
| Delivery time                | 1 d            |
| Dimensions packaging (W×D×H) | 820×420×240 mm |

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|                      |                |
|----------------------|----------------|
| Shipping method      | Parcel service |
| Net weight approx.   | 17 kg          |
| Gross weight approx. | 20 kg          |
| Shipping weight      | 19,5 kg        |

Pictograms