

# KERN OZL 465

# KERN

The flexible, affordable all-rounder with zoom function for schools, training companies, inspection authorities and laboratories



## Focussing

|                     |              |
|---------------------|--------------|
| Zoom [Min]          | 0,7 x        |
| Zoom [Max]          | 4,5 x        |
| Field of view [Max] | 28,6 mm      |
| Torque regulation   | ✓            |
| Focusing mechanism  | coarse drive |
| Sample height [Max] | 140 mm       |

## Illumination

|                       |  |
|-----------------------|--|
| Illumination dimmable | Incident light +<br>Transmitted light,<br>separate |
| Illuminance           | Reflected light<br>Transmitted 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 |
| Supplied plug-in power supply   | Power supply unit     |
| Plug-in power supply / adapter for countries - included with the delivery | EURO                  |
| Plug-in power supply / adapter for countries - optional                   | AUS UK US CH          |

## Packing & Shipping

|                              |                |
|------------------------------|----------------|
| Readability force [d] (N)    | 1 d            |
| Shipping method              | Parcel service |
| Dimensions packaging (W×D×H) | 445×410×300 mm |
| Net weight approx.           | 4,6 kg         |
| Gross weight approx.         | 6 kg           |

## Piktogramme

### STANDARD



## Category

|                  |                   |
|------------------|-------------------|
| Brand            | Optics            |
| Product category | Microscopes       |
| Product group    | Stereo microscope |

## Approval

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

## Construction

|                               |                |
|-------------------------------|----------------|
| Dimension (W×D×H)             | 300×240×420 mm |
| Optical system                | Greenough      |
| Tube type                     | Binocular      |
| Tube angle of inclination     | 45°            |
| Tube 360° rotation            | ✓              |
| Contrasting methods           | Bright field   |
| Eyepieces fixed               | ✓              |
| Diopter adjustment [Min]      | -5             |
| Diopter adjustment [Max]      | 5              |
| Diopter adjustment            | both-sided     |
| Interpupillary distance [Min] | 55 mm          |
| Interpupillary distance [Max] | 75 mm          |

## Ocular

|                           |                |
|---------------------------|----------------|
| Ocular field width        | HWF            |
| Ocular magnifications     | 10 x           |
| Ocular diameter           | 30 mm          |
| Ocular visual field       | 20 mm          |
| Eye point                 | High Eye Point |
| Objectives magnifications | 0,7 x - 4,5 x  |