

# KERN OZM 544

# KERN

First-class optics and strong illumination combined with a high level of flexibility



|                     |              |
|---------------------|--------------|
| Zoom [Max]          | 4,5 x        |
| Field of view [Max] | 32,8 mm      |
| Torque regulation   | ✓            |
| Focusing mechanism  | coarse drive |
| Sample height [Max] | 130 mm       |

## Illumination

|             |                                      |
|-------------|--------------------------------------|
| Illuminance | Reflected light<br>Transmitted light |
|-------------|--------------------------------------|

## Power Supply

|   |                       |
|---|-----------------------|
| Input voltage power supply / power [Max]                                  | 110 - 220 V           |
| Input voltage device / power [Max]  | 110 - 220 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) | 385×370×330 mm |
| Net weight approx.           | 4,8 kg         |
| Gross weight approx.         | 6 kg           |

## Piktogramme

### STANDARD



### OPTION



## Category

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

## Approval

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

## Construction

|                               |                                   |
|-------------------------------|-----------------------------------|
| Dimension (W×D×H)             | 330×285×440 mm                    |
| Optical system                | Greenough                         |
| Tube type                     | Trinocular                        |
| Tube angle of inclination     | 45°                               |
| Tube 360° rotation            | ✓                                 |
| Contrasting methods           | Bright field Darkfield (optional) |
| Light distribution            | 100:0                             |
| Diopter adjustment [Min]      | -6                                |
| Diopter adjustment [Max]      | 6                                 |
| Diopter adjustment            | both-sided                        |
| Interpupillary distance [Min] | 52 mm                             |
| Interpupillary distance [Max] | 76 mm                             |

## Ocular

|                           |               |
|---------------------------|---------------|
| Ocular field width        | HSWF          |
| Ocular magnifications     | 10 x          |
| Ocular diameter           | 30 mm         |
| Ocular visual field       | 23 mm         |
| Objectives magnifications | 0,7 x - 4,5 x |

## Focussing

|            |       |
|------------|-------|
| Zoom [Min] | 0,7 x |
|------------|-------|