# KERN **OZS 574**

Professional stereo zoom microscope with parallel optics for excellent images, depth of field, contrast and fatigue-free working



## Category

| | |
|---|---|
| Brand | Optics |
| Product category | Microscope |
| Product group | Stereo microscope |
| Product family | OZS-5 |

## Construction

| | |
|---|---|
| Dimension (W×D×H) | 305×300×540 mm |
| Optical system | Parallel |
| Tube type | Trinocular |
| Tube angle of inclination | 45° |
| Tube 360° rotation | ✓ |
| Light distribution | 0:100 |
| Contrasting methods | Bright field<br>Darkfield (optional) |
| 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 HWF 10x / Ø 22mm with anti-fungus, high eye point |
| Ocular field width | HWF |
| Ocular magnifications | 10x |
| Ocular visual field | 22 mm |
| Ocular diameter | 30 mm |

## Objective

| | |
|---|---|
| Objectives - Details | Objective Plan Achromatic 1x anti-fungus |
| Objectives magnifications | 0,8x - 8x |

## Illumination

| | |
|---|---|
| Illuminance | Reflected light<br>Transmitted light |
| Illumination type incident light | LED |
| Illumination type transmitted light | LED |
| Illumination intensity incident light | 3 W |
| Illumination intensity transmitted light | 3 W |
| Illumination dimmable | Incident light + Transmitted light, separate |

## Focussing

| | |
|---|---|
| Field of view [Min] | 2,75 mm |
| Field of view [Max] | 27,5 mm |
| Standard total magnification [Min] | 8x |
| Standard total magnification [Max] | 80x |
| Zoom [Min] | 0,8x |
| Zoom [Max] | 8x |
| Sample height [Max] | 100 mm |
| Torque regulation | ✓ |
| Working distance | 91 mm |
| Magnification ratio | 10,0:1 |
| Focusing mechanism | coarse drive |

## Stereomicroscope stand

| | |
|---|---|
| Stand type | pillar |
| Diameter mounting microscope head (Ø) | 76 mm |

## Power Supply

| | |
|---|---|
| Supplied power supply | Power supply unit |
| Power supply type | Power adapter |
| Plug-in power supply / adapter for countries - included with the delivery | EURO |
| Plug-in power supply / adapter for countries - optional | AUS<br>UK<br>US<br>CH |
| Input voltage power supply / power [Max] | 110 - 220 V |

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| | |
|---|---|
| Power supply cable removable | removable |
| Input voltage device / power [Max] | 110 - 220 V |
| Power socket for mains adapter | Hollow plug, inside plus, Ø outside 5,5 mm, Ø inside 2,1 mm, long 10,5 mm |

## 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) | 400×370×340 mm |
| Shipping method | Parcel service |
| Net weight approx. | 6 kg |
| Gross weight approx. | 7 kg |
| Shipping weight | 10,1 kg |

## Product information

| | |
|---|---|
| GTIN/EAN number | 4045761169432 |
| Trade number | 90111000 |
| REACH classification | no prohibited substances |

## Pictograms

**STANDARD**




**OPTION**

