# KERN **OZL 474**

The flexible, affordable all-rounder with flexible incident illumination for training workshops, inspection authorities and laboratories



**Date of creation: 24.10.2026**

| Category | |
|---|---|
| Brand | Optics |
| Product category | Microscope |
| Product group | Stereo microscope |
| Product family | OZL-47 |

| Construction | |
|---|---|
| Dimension (W×D×H) | 300×240×420 mm |
| Optical system | Greenough |
| Tube type | Trinocular |
| Tube angle of inclination | 45° |
| Tube 360° rotation | ✓ |
| Light distribution | 0:100 |
| Contrasting methods | Bright field |
| Eyepieces fixed | ✓ |
| 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 | 10x |
| Ocular visual field | 20 mm |
| Ocular diameter | 30 mm |

| Objective | |
|---|---|
| Objectives magnifications | 0,7x - 4,5x |

| Illumination | |
|---|---|
| Illuminance | Reflected light |
| Illumination type incident light | LED |
| Illumination intensity incident light | 3 W |
| Illumination dimmable | Incident light |

| Focussing | |
|---|---|
| Field of view [Min] | 4,4 mm |
| Field of view [Max] | 28,6 mm |
| Standard total magnification [Min] | 7x |
| Standard total magnification [Max] | 45x |
| Zoom [Min] | 0,7x |
| Zoom [Max] | 4,5x |
| Torque regulation | ✓ |
| Working distance | 105 mm |
| Magnification ratio | 6,4:1 |
| Focusing mechanism | coarse drive |

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

| Power Supply | |
|---|---|
| Plug-in power supply / adapter for countries - optional | EURO<br>UK |
| Power supply cable removable | removable |

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

| Packing & Shipping | |
|---|---|
| Delivery time | 1 d |
| Dimensions packaging (W×D×H) | 452×414×290 mm |
| Shipping method | Parcel service |
| Net weight approx. | 4,2 kg |
| Gross weight approx. | 7 kg |
| Shipping weight | 10,9 kg |
| Shipping volume weight | 10,9 kg |

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## Product information

| | |
|---|---|
| GTIN/EAN number | 4045761356696 |
| Trade number | 90111000 |
| Warranty Time | 36 mon |
| REACH classification | no prohibited substances |

## Pictograms

**STANDARD**

