

KERN OSE 421



Stereo microscope with robust, ergonomic design, ideal for workshops, schools and training



| Category | |
|------------------|-------------------|
| Brand | Optics |
| Product category | Microscope |
| Product group | Stereo microscope |
| Product family | OSE-42 |

| Construction | |
|-------------------------------|----------------|
| Dimension (W×D×H) | 200×180×300 mm |
| Optical system | Greenough |
| Tube type | Binocular |
| Tube angle of inclination | 45° |
| Contrasting methods | Bright field |
| Standard objectives | 4× 2× |
| 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 WF 10 x / Ø 20mm with anti-fungus |
| Ocular field width | WF |
| Eye point | Standard |
| Ocular magnifications | 10 x |
| Ocular visual field | 20 mm |
| Ocular diameter | 30,5 mm |

| Objective | |
|---------------------------|---------|
| Objectives magnifications | 2x / 4x |

| Illumination | |
|--|--|
| Illuminance | Reflected light Transmitted light |
| Illumination type incident light | LED |
| Illumination type transmitted light | LED |
| Illumination intensity incident light | 1 W |
| Illumination intensity transmitted light | 1 W |
| Illumination dimmable | Incident light + Transmitted light, collectively |

| Focussing | |
|---------------------|--------------|
| Field of view [Min] | 5,5 mm |
| Field of view [Max] | 11 mm |
| Zoom [Min] | 2 x |
| Zoom [Max] | 4 x |
| Torque regulation | ✓ |
| Working distance | 57 mm |
| Focusing mechanism | coarse drive |

| Stereomicroscope stand | |
|------------------------|------------|
| Stand type | mechanical |

| Power Supply | |
|---|-------------------------------------|
| Supplied power supply | Power supply unit |
| Plug-in 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 UK US CH |
| Input voltage power supply / power [Max] | 100 V - 240 V AC 50/60 Hz 0.4 A max |
| Input voltage device / power [Max] | 4,5 V, 1000 mA |
| Battery connection | Pad + Spring |
| Battery operating time | 4 h |

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

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

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Packing & Shipping

| | |
|------------------------------|----------------|
| Delivery time | 1 d |
| Dimensions packaging (W×D×H) | 340×310×225 mm |
| Net weight | 2,123 kg |
| Shipping method | Parcel service |
| Net weight approx. | 2,2 kg |
| Gross weight approx. | 2,6 kg |
| Shipping weight | 4,7 kg |

Pictograms

STANDARD

