

KERN OBE 132

KERN

Elegant, dynamic and impressive - the all-round compound microscope for schools, training and laboratories



Category

| | |
|------------------|---------------------|
| Brand | Optics |
| Product category | Microscope |
| Product group | Compound microscope |
| Product family | OBE-13 |

Construction

| | |
|---------------------------|-----------------------------------------------------------------|
| Dimension (W×D×H) | 360×150×320 mm |
| Optical system | Finite |
| Tube type | Binocular |
| Tube angle of inclination | 30° |
| Tube type | Butterfly |
| Contrasting methods | Bright field Darkfield (optional) Polarisation (optional) |

| | |
|---------------------|--------------------------|
| Standard objectives | 4× 10× 40× 100× |
|---------------------|--------------------------|

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|-------------------------------|------------|
| Lens quality | achromatic |
| Nosepiece screw-in locations | 4 |
| Interpupillary distance [Min] | 48 mm |
| Interpupillary distance [Max] | 75 mm |
| Diopter adjustment | one-sided |
| Diopter adjustment [Min] | -5 |
| Diopter adjustment [Max] | 5 |
| Colour temperature | 6000 K |

Ocular

| | |
|--------------------|-------------------------------------------------------------|
| Ocular type | Eyepiece HWF 10 x / Ø 18mm with anti-fungus, high eye point |
| Ocular field width | HWF |

| | |
|-----------------------|----------------|
| Eye point | High Eye Point |
| Ocular magnifications | 10 x |
| Ocular visual field | 18 mm |
| Ocular diameter | 23,2 mm |

Objective

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|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Objectives - Details | Objective Achromatic 10 x / 0,25 anti-fungus Objective Achromatic 100 x / 1,25 oil, spring, anti-fungus Objective Achromatic 4 x / 0,1 anti-fungus Objective Achromatic 40 x / 0,65 spring, anti-fungus |
|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

| | |
|---------------------------|---------------------------|
| Objectives magnifications | 4 x / 10 x / 40 x / 100 x |
|---------------------------|---------------------------|

Illumination

| | |
|------------------------------------------|-------------------|
| Illuminance | Transmitted light |
| Illumination type incident light | none |
| Illumination type transmitted light | LED |
| Illumination intensity transmitted light | 3 W |
| Illumination dimmable | Transmitted light |
| Filter possible | ✓ |
| Aperture diaphragm | ✓ |

Focussing

| | |
|---------------------|-------------------------------|
| Field of view [Min] | 0,18 mm |
| Field of view [Max] | 4,5 mm |
| Torque regulation | ✓ |
| Fine drive minimum | 0,002 mm |
| Focusing mechanism | coaxial coarse and fine drive |

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 0,3 A |
| Input voltage device / power [Max] | 5 V, 1 A |

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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) | 425×340×245 mm |
| Net weight | 4,488 kg |
| Shipping method | Parcel service |
| Net weight approx. | 4,6 kg |
| Gross weight approx. | 6 kg |
| Shipping weight | 7,1 kg |

Pictograms

STANDARD



OPTION

