

KERN OBN 148

KERN

The fluorescence microscope for the professional user



| | |
|---------------------------|----------------------------------|
| Objectives magnifications | 4 x / 10 x / 20 x / 40 x / 100 x |
|---------------------------|----------------------------------|

Focussing

| | |
|---------------------|-------------------------------|
| Field of view [Max] | 5 mm |
| Torque regulation | ✓ |
| Focusing mechanism | coaxial coarse and fine drive |

Illumination

| | |
|----------------------|--|
| Illumination | 6 V, 20W Halogen (transmitted), 100W HBO (reflected) |
| Field diaphragm | ✓ |
| Aperture diaphragm | ✓ |
| Brand of light bulb | Philips |
| Illuminance | Reflected light Transmitted light |
| Koehler illumination | ✓ |
| Filter possible | ✓ |

Power Supply

| | |
|---|-----------------------|
| Input voltage power supply / power [Max] | 100 - 240 V |
| Input voltage device / power [Max] | 100 - 240 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) | 970×440×345 mm |
| Net weight approx. | 16 kg |
| Gross weight approx. | 24 kg |

Category

| | |
|------------------|-------------------------------|
| Brand | Optics |
| Product category | Microscopes |
| Product group | Transmitted light microscopes |

Approval

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

Construction

| | |
|---------------------------|----------------|
| Dimension (W×D×H) | 530×220×490 mm |
| Optical system | Infinity |
| Tube type | Siedentopf |
| Tube type | Trinocular |
| Tube angle of inclination | 30° |
| Tube 360° rotation | ✓ |

| | |
|---------------------|---|
| Contrasting methods | Bright field Darkfield (optional) Fluorescent Polarisation (optional) Phase contrast (optional) |
|---------------------|---|

| | |
|-------------------------------|------------|
| Light distribution | 100:0 |
| Diopeter adjustment [Min] | -5 |
| Diopeter adjustment [Max] | 5 |
| Diopeter adjustment | both-sided |
| Interpupillary distance [Min] | 50 mm |
| Interpupillary distance [Max] | 75 mm |

Ocular

| | |
|-----------------------|---------|
| Ocular field width | HWF |
| Ocular magnifications | 10 x |
| Ocular diameter | 23,2 mm |
| Ocular visual field | 20 mm |

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Piktogramme

STANDARD



OPTION

