

KERN OIV 656

KERN

The professional video microscope with auto-focus



Category

| | |
|------------------|------------------|
| Brand | Optics |
| Product category | Microscope |
| Product group | Video microscope |
| Product family | OIV-6 |

Approval

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

Construction

| | |
|--------------------------|-----------------|
| Dimension (W×D×H) | 372×285×482 mm |
| Optical system | Axial |
| Contrasting methods | Bright field |
| Camera - Sensor type | CMOS |
| Camera - Sensor size | 1/2,8" |
| Camera - Resolution | 2 MP |
| Camera - Colour depth | Colour |
| Camera - Framerate | 30 fps |
| Camera - Exposure method | Rolling Shutter |

Focussing

| | |
|---------------------|--------------|
| Torque regulation | ✓ |
| Working distance | 91 mm |
| Zoom [Min] | 0,7 x |
| Zoom [Max] | 4,5 x |
| Magnification ratio | 6,5:1 |
| Field of view [Min] | 2,65 mm |
| Field of view [Max] | 12,64 mm |
| Focusing mechanism | coarse drive |
| Sample height [Max] | 85 mm |

Illumination

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

Functions

| | |
|------------------------------|--------------------|
| Memory function | ✓ |
| Memory - total size | 128 GB |
| Interfaces | HDMI USB-Device |
| Camera - Applicable software | integrated |

Power Supply

| | |
|---|-------------------------------|
| Input voltage power supply / power [Max] | 100 V - 240 V AC, 50 / 60 Hz |
| Input voltage device / power [Max] | 100 - 240 V |
| Plug-in power supply type | Built-in power supply |
| Supplied power supply | Power supply unit |
| Plug-in power supply / adapter for countries - included with the delivery | EURO AUS UK US CH |

Environmental conditions

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

Packing & Shipping

| | |
|------------------------------|----------------|
| Readability force [d] (N) | 1 d |
| Dimensions packaging (W×D×H) | 420×350×630 mm |
| Net weight | 7 kg |
| Shipping method | Parcel service |
| Net weight approx. | 7 kg |
| Gross weight approx. | 15 kg |
| Shipping weight | 18,5 kg |

Pictograms

STANDARD

