

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	✓
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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

