KERN **OIV 656**

The professional video microscope with auto-focus

Date of creation: 13.11.2026

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

Construction	
Dimension (W×D×H)	372×285×482 mm
Optical system	Axial
Contrasting methods	Bright field

Functions	
Memory function	✓
Memory - total size	128 GB
Camera - Applicable software	integrated camera software

Interface	
Interfaces	HDMI USB-Device

Objective	
Objectives magnifications	0,7 x - 4,5 x

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

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

Stereomicroscope stand	
Stand type	mechanical
Column height	355 mm

Camera	
Camera - Resolution	2 MP
Camera - Sensor type	CMOS
Camera - Sensor size	1/2,8"
Camera - Colour depth	Colour
Camera - Framerate	30 fps
Camera - Exposure method	Rolling Shutter

Power Supply	
Supplied power supply	Power supply unit
Power supply type	Built-in power supply
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
Power supply cable removable	removable
Input voltage device / power [Max]	100 - 240 V

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

Approval	
CE mark	✓

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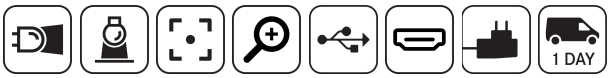
Packing & Shipping

Delivery time	1 d
Dimensions packaging (W×D×H)	420×350×630 mm
Shipping method	Parcel service
Net weight approx.	7 kg
Gross weight approx.	15 kg
Shipping weight	18,5 kg
Shipping volume weight	18,5 kg

Product information

GTIN/EAN number	4045761267855
Trade number	90118000
Warranty Time	36 mon
REACH classification	no prohibited substances

Pictograms

STANDARD