KERN **OIV 901**

The entry level video microscope with bright image reproduction and intuitive operation



Category

Brand	Optics
Product categoriy	Microscope
Product group	Video microscope
Product family	OIV-9

Display

Display type	LCD
Display screen size	12"
Display resolution	1920×1080 HD
Languages of the user interface	German English French Spanish Italian Russian

Construction

Dimension (W×D×H)	320×260×450 mm
Dimension display device (W×D×H)	280×170×12 mm
Material display housing	Plastics
Optical system	Axial
Tube type	Trinocular
Contrasting methods	Bright field

Functions

Camera - Applicable software	integrated
Camera - Software functions	Image capturing Video capturing Image editing/ Documentation Measurements
Memory - total size	32 GB

Interface

Interfaces	USB 2.0 HDMI MicroSD card slot

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]	2,5 mm
Field of view [Max]	16 mm
Zoom [Min]	0,7 x
Zoom [Max]	4,5 x
Sample height [Max]	110 mm
Torque regulation	✓
Working distance	100 mm
Magnification ratio	6,4:1
Focusing mechanism	coarse drive

Stereomicroscope stand

Stand type	universal (jointed arm with clamp)
Diameter mounting universal stand (Ø)	37 mm
Diameter mounting microscope head (Ø)	76 mm
Arm length	553 mm

Camera

Cameratype	integrated tablet-camera
Camera - Resolution	5 MP
Camera - Sensor type	CMOS
Camera - Sensor size	1/2,8"
Camera - Framerate	60 fps
Camera - Exposure method	Rolling Shutter

Power Supply

Supplied power supply	Power supply unit
Plug-in power supply type	Table power supply (separable)

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Plug-in power supply / adapter for countries - included with the delivery	EURO
Plug-in power supply / adapter for countries - optional	EURO UK US CH
Input voltage power supply / power [Max]	100 V - 240 V, 50 / 60 Hz
Input voltage device / power [Max]	12 V, 2000 mA

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)	420×390×250 mm
Shipping method	Parcel service
Net weight approx.	4,4 kg
Gross weight approx.	6 kg
Shipping weight	8,2 kg

Pictograms

STANDARD

