

KERN ODC 895

KERN

The digital USB microscope for rapid testing or for hobby use



Camera	
Camera type	USB Digital Microscope
Camera - Resolution	2 MP
Camera - Sensor type	CMOS
Camera - Sensor size	1/3,2"
Camera - Colour depth	Colour
Camera - Exposure method	Rolling Shutter
Camera - Stand type	Focus wheel
Camera - Pixel size	2,8×2,8 µm
Camera - FPS range 1	30 FPS
Camera - Resolution range 1	1920x1080
Camera - Exposure time [Min]	0,5 ms
Camera - Exposure time [Max]	30 ms

Power Supply	
Power supply cable removable	fixed connection
Input voltage device / power [Max]	5 V, 100 mA
Power socket for mains adapter	USB A

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)	160×158×85 mm
Shipping method	Parcel service
Net weight approx.	0,90 kg
Gross weight approx.	1,00 kg
Shipping weight	1 kg

Product information	
GTIN/EAN number	404576 1190566
Trade number	90118000
REACH classification	no prohibited substances

Pictograms

STANDARD



Category

Brand	Optics
Product category	Microscope
Product group	USB Microscope
Product family	ODC-89

Construction

Dimension (W×D×H)	80×150×180 mm
Material display housing	No display available

Functions

Camera - Applicable software	Microscope VIS 2.0 Pro (OXM 902) Windows Camera App
Supported operating systems	Win 8 Win 10 Win 11
System requirements CPU	Quad-Core, x64
System requirements RAM	8 GB
System requirements SSD storage	256 GB SSD
System requirements graphics card	DirectX 12
System requirements screen	20" HD or larger
System requirements clock speeds	2.8 GHz

Interface

Interfaces	USB 2.0
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Objective

Objectives magnifications	10x ~ 200x
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