

3D-Microscope IDM 3D

Digital microscope PCE-IDM 3D

3D digital microscope with own user interface / Large contact area / Stepless brightness control / Focusing range 250 mm (9.8 in) / Memory on SD card / Image transfer via VGA or USB / Support surface of 305 x 225 mm (12 x 8.9 in)

The 3D digital microscope is a digital microscope with its own user interface, in which a variety of analysis functions are available. The live image and the user interface are transmitted together via the VGA connection to the 3D microscope to a connected monitor. For the operation of the user interface with the 3D digital microscope, a commercially available computer mouse is required, which is already included in the scope of delivery. In addition to the VGA connection, the image can also be transferred directly to a PC via the USB interface. The 3D digital microscope is recognized by the connection to a PC as a webcam. This will allow a livestream video broadcast for presentation.

Using the 250 mm focusing distance and the 305 x 225 mm platform, you can magnify large objects with the 3D Digital Microscope. Plus. The 3D digital microscope still has an infinitely variable illumination. Thanks to the lighting your object will always be exposed sufficiently. The design of the 3D digital microscope allows a fast assembly and disassembly, making it suitable for mobile use.

- Image transmission via VGA and USB
- Own user interface for analysis
- Support surface for large specimens
- Stepless LED lighting
- Save photos and videos to SD card
- Picture format 1920 x 1080 Full HD
- Focusing range 250 mm / 9.8 in
- 3D view for better analysis

Specifications:

Lens power	0.3 ... 2.2 times
Numerical aperture	0.012 ... 0.08
Res.	35.8 ... 238 lp / mm
LIKE.	0.32 ... 2.27 times
DOF	6 ... 0.086 mm
WD	45.6 mm / 1.8 in
Focusing	250 mm / 9.8 in
FOV 1/2	12.3 ... 1.8 mm
Zoom factor	1: 7
3D rotation	360°
Platform	305 x 225 mm / 12 x 8.9 in
Image format	1920 x 1080 Full HD
Power adapter	Primary: 100 ... 240V Secondary: 12V 1 A
Weight	3.4 kg / 7.5 lbs

Delivery scope:

- 1 x Digital microscope PCE-IDM 3D
- 1 x LED lighting

- 1 x USB cable
- 1 x Power supply 12V
- 1 x Slide with calibration standard
- 1 x Allen key 4 mm and 1.5 mm
- 1 x Transport case
- 1 x Support surface (black / white) Ø 9.2 cm
- 1 x Wireless computer mouse with receiver
- 1 x User manual