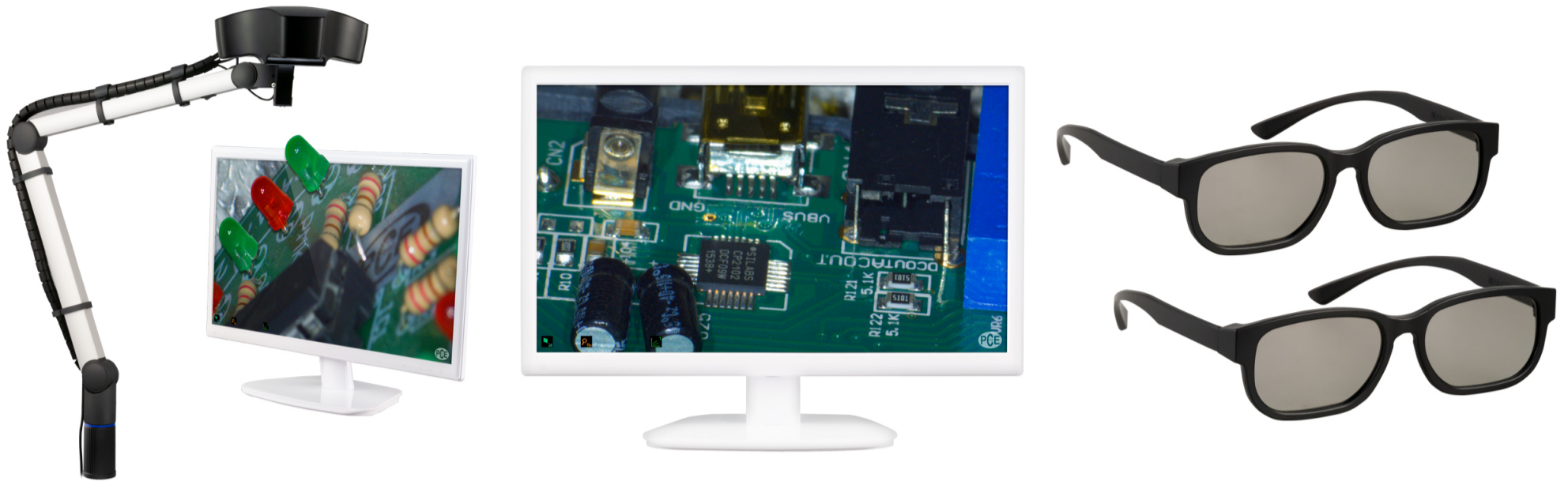


Digital Microscope PCE-OVM 3D



**Digital microscope with 3D image function / Image transfer via FTP server / LED illumination /
Stand holder for free alignment / 3D glasses / 430 mm working distance / Foot switch /
Full HD image reproduction / Magnification up to 30x**

The digital microscope has a possible digital magnification of 15x, 20x, 25x and 30x. This allows particularly small objects to be magnified. The three built-in LEDs provide sufficient illumination. The stand of the digital microscope is mounted on the edge of the table. With a total arm length of 840 mm, the digital microscope can be positioned freely over a large area of the workstation.

In addition to the 2D image function, the image of the digital microscope can also be displayed in 3D. This allows components to be examined even more precisely. A special 21.5" Full HD 3D monitor is included in the scope of delivery so that the 3D image is possible with the digital microscope. The matching 3D glasses are also included in the scope of delivery so that the viewer can see the 3D image.

To save the current image, the digital microscope has a foot switch. This has the particular advantage that the operator can still use both hands, for example, to align the specimen. The captured images are stored directly on the USB stick connected to the 3D laboratory microscope. This allows the captured images to be displayed again on the 3D monitor of the digital microscope. A comparison of a saved image with the live image is also possible with the laboratory microscope.

The images can also be transferred via the Ethernet interface of the digital microscope. For this purpose, the digital microscope generates an automatic FTP server in the local network. The data can then be retrieved and analysed from any computer in the local network using any browser or FTP client.

- ▶ Switchable between 2D and 3D view
- ▶ For fixed installation on the workplace table
- ▶ Swiveling tripod
- ▶ FTP server for transferring the images
- ▶ Foot switch to save the pictures
- ▶ Operation by mouse

Specifications

Magnification	15, 20, 25, 30 times
Working distance	430 mm / 16.9"
Depth of field	ca. 12 mm / 0.47"
Object field	ca. 32 x 19 mm / 1.26 x 0.74" or 24 x 15 mm / 0.94 x 0.59"
Image capture	2 x 1,920 x 1,080 Pixel (Full HD)
LED lighting	40,000 Lux; 5,000 K
Image reproduction	60 Hz Full HD for 2D 60 Hz Full HD interlaced for 3D
Connections	2 x USB, 1 x RJ 45 (Ethernet), 1 x HDMI
Stand length	840 mm / 33"
Color depth	24 Bit
Monitor (screen diagonal)	21.5"
Power supply	120 V ... 240 V (50/60 HZ)
Power consumption	ca. 50W (without monitor)
Protection class	IP20
Monitor installation	stand / Vesa mount
Monitor dimensions	507 x 178 x 390 mm / 20 x 7 x 15"
Monitor weight	3.1 kg / 6.8 lb
Operating conditions	5 °C ... 45 °C / 41 °F ... 113 °F
Packaging	662 x 540 x 302 mm / 26 x 21 x 12"
Total weight (gross)	ca. 8 kg / 17.6 lb

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