

Technical Microscope PCE-IVM 3D

Mechanical 3D-microscope with display / mechanically moved mirror (360° rotating radius) / both incident and transmitting lights are used / up to a 93-fold magnification / connection to computer via USB

The mechanical 3D-microscope works with both transmitted or reflected light and by that allows creating a three-dimensional representation of the objects. That mechanical 3D-microscope helps to get a view from all sides of the object, due to a mirror that can be mechanically rotated in a 360° radius. With that mechanical 3D-microscope you can get details, which could be easily missed with common microscopes. In many applications your work is made much easier. This mechanical 3D-microscope is ideal for an application in laboratories, schools, the industry and many other professional areas. The mechanical 3D-microscope is compact, very solid and easy to navigate. This mechanical 3D-microscope has a large working distance of 175 mm. Thus the analysis of even larger objects is very simplified. Our 3D-microscope provides a three-dimensional image of objects on a LC display. The images shown on the LC display can also be transferred to a computer via its USB interface and there they can be further edited (therefore a special software is required, which is not included in delivery and must be purchased separately). The mechanical 3D-microscope provides an 18 ... 93-fold magnification and therefore can be used to control and to work on electronic construction parts, circuit boards, jewelry and many more.

- Magnification continuously from 18...93-fold
- Variable height even for larger objects
- Transmitted and reflected light
- Data transfer via USB 2.0
- Simple menu navigation
- Resolution at display 800 x 600 pixels
- 360° mechanically rotating mirror
- With image-recording function
- Compact design
- Easy to navigate
- 8 languages
- including aluminum carrying case

Technical specifications of the mechanical 3D-microscope PCE-IVM 3D

Display	8" LC-display
Resolution	800 x 600 pixels

Magnification	18 ... 93-fold continuously
Light source	transmitted and reflected light continuous levelling
Connections	USB 2.0, AV out
Power Source	100 ... 240 V AC 50 / 60 HZ
System requirements	up from Windows 98
working height	min. 10 mm / max. 175 mm
Dimensions	display: 220 x 160 x 100 mm table: 150 x 230 x 60 mm

Delivery content of the mechanical 3D-

microscope PCE-IVM 3D

1 x mechanical 3D-microscope PCE-IVM 3D

1 x USB interface cable

1 x video cable

1 x power cable

1 x dust cover

1 x aluminum carrying case with key

1 x object plate made of glass

1 x contrast plate black / white

1 x backup lamps for reflecting light

1 x backup lamps for transmitting light

1 x backup fuse

1 x cleaning tissues

1 x instruction manual