



PCE Americas Inc.
 711 Commerce Way
 Suite 8
 Jupiter
 FL-33458
 USA
 From outside US: +1
 Tel: (561) 320-9162
 Fax: (561) 320-9176
 info@pce-americas.com

PCE Instruments UK Ltd.
 Units 12/13
 Southpoint Business Park
 Ensign way
 Hampshire / Southampton
 United Kingdom, SO31 4RF
 From outside UK: +44
 Tel: (0) 2380 98703 0
 Fax: (0) 2380 98703 9
 info@pce-instruments.com

www.pce-instruments.com/english
www.pce-instruments.com

Technical Microscope PCE-MVM 3D

Motorised 3D Inspection Camera with engine / motorised mirror (45° radius) / transmitted and reflected light / up to 75 x magnification / Connection via USB to computer / 8" LC display / 800 x 600 pixels resolution

The motorised 3D microscope PCE-MVM 3D features a motorised mirror (45° radius), a CCD camera and an LCD display. The motorised 3D microscope is a compact, very solid and easy-to-handle device. Due to a 75 x magnification even the smallest objects can be viewed in detail, so that the motorised 3D microscope qualifies for controlling tasks and work on electronic construction parts, circuit boards, jewellery and others. The mirror is shifted by a small engine with adjustable speed and moving direction. A USB connection allows transfer of the images to a computer and editing of them (therefore editing software is required, not included in the delivery). The motorised 3D microscope works within a distance radius of 175 mm, allowing an analysis of very large objects. The motorised 3D microscope supports the method of transmitted light as well as reflected light, thus transparent objects can be viewed as well as solid, non-transparent objects. The motorised 3D microscope PCE-MVM 3D is an ideal device for laboratories, schools, industries and many other professional applications.

- Magnification continuously 12...75 x
- Variable height even for larger objects
- Transmitted and reflected light
- Data transfer via USB 2.0
- Resolution at display 800 x 600 pixels
- 45° motorised rotating mirror
- With image-recording function
- Compact design
- 8 languages
- IncludES aluminium carrying case

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

Display	8" LC-display
Resolution	800 x 600 pixels
Magnification	12 ... 45x continuously
Light source	transmitted and reflected light continuous regulation

Connections	USB 2.0, AV out
Power Source	100 ... 240 V AC 50 / 60 HZ
System requirements	Windows 2000 onwards
working height	min. 10 mm / max. 175 mm
Dimensions	display: 220 x 160 x 100 mm table: 150 x 230 x 60 mm
Weight	6.0 kg

Delivery content of the mechanical 3D microscope PCE-MVM 3D

- 1 x motorised 3D microscope PCE-MVM 3D
- 1 x USB interface cable
- 1 x video cable
- 1 x power cable
- 1 x dust cover
- 1 x aluminium 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