

Video-Microscope VMM 50

Microscope PCE-VMM 50

Camera microscope PCE-VMM 50 with large 7-inch screen / Integrated camera / 4.5-fold optical zoom / Dimmable LED lighting / Height adjustable up to 290 mm (114.4 in) / Large sample support surface / Removable display

The camera microscope PCE-VMM 50 is a microscope with a large sample support surface of 380 x 225 mm / 15 x 8.9 in. This makes it possible to freely position even larger samples on the camera microscope. On the 7-inch LC display, the camera microscope, the samples can be analyzed directly. In addition, the LC display can be disassembled from the camera microscope and positioned by the supplied stand, freely on the workstation.

Due to the large height adjustment range of 290 mm / 11.4 in of the camera microscope even very high objects can be increased. With the 48 SMD LED illumination on the camera microscope, the samples are optimally illuminated. Thus, the camera microscope is optimal due to its robust and large design suitable for use in, for example, schools, universities or in workshops.

- Sample support surface of 380 x 225 mm / 15 x 8.9 in
- Incident light illumination (by LED)
- LCD monitor
- Removable LCD
- Integrated camera
- Robust construction

Specifications:

Enlargement	0.7 ... 4.5 times (optical and stepless)
Eyepiece	0.5 times
Conversion lens	2 times
Working distance	156 mm / 6.1 in
Focusing	60 mm / 2.4 in
Height adjustment	290 mm / 11.4 in
Bearing surface	380 x 225 x 20 mm / 15 x 8.9 in

Technical data of the digital camera

Lens size	1/3 inch
Display chip	Sony
Horizontal visual resolution	720 TVL
Video output	1.0 V _{pp} , 75 Ω
Video format	PAL / NTSC
Power supply	12V DC

Technical data of the LC display

Display	7 inches (4: 3 LCD)
Pixel	800 * 600
Signal inputs	VGA / AV / TV with BNC
Video input	PAL / NTSC

Power supply	12V DC
Input	10W

Specifications of LED lighting

LED number	48 SMD LEDs
Connection diameter	65 mm
Adjustment	0 ... 100% light intensity, stepless
Power supply	5V
Input	4 ... 6 W

Delivery scope:

- 1 x Microscope PCE-VMM 50
- 1 x Digital camera
- 1 x BNC cable
- 1 x Contact surface
- 1 x Stand rod
- 1 x Mounting kit
- 1 x Delimiting ring
- 1 x LC display
- 1 x LC display holder
- 1 x LC display stand
- 1 x Objective
- 1 x Lens mount
- 2 x Power supply 12V DC
- 1 x Power supply 5V