MICROSCOPE

PCE-VMM 50



- **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**

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.

Specification

General technical data	
Inputs	VGA, AV, TV (BNC)
Outputs	1.0 Vpp, 75 Ω
Connections	PAL
Display type	LCD
Display size	7 Inch
Display resolution	800 × 600 pixels
Light source	48 SMD LEDs
Luminous intensity	0 ... 100% adjustable
Working distance	156 mm
Magnification	0.7 ... 4.5 x
Focusing range	60 mm
Eyepiece	0.5x
Lens	2x auxiliary lens
Image / video format	PAL
Dimensions	Contact surface: 380 x 225 x 20 mm Height adjustment range: 290 mm
Sensors	1/3 inch Sony CCD
Menu language	English, English (GB)
Protection class (device)	IP20
Power supply	Digital camera 12 V DC LC display 12 V DC LED lighting 5 V
Connector type	Device-europlug
Operating conditions	10 ... 40 °C , 10 ... 90 (non-condensing)% RH
Storage conditions	10 ... 40 °C , 10 ... 90 (non-condensing)% RH
Dimensions (L x W x H)	380 x 250 x 430 mm
Weight	3630 g

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