

DIGITAL HANDHELD MICROSCOPE

PCE-DHM 5



- » **2-inch HD LCD screen**
- » **image and video recording functions**
- » **resolution: image: JPG 2 MP / video: 720Pixel 30fps**
- » **400 ... 800x magnification**
- » **single and time-controlled continuous recording**
- » **6 dimmable LEDs**
- » **22 menu languages**
- » **USB-C interface**
- » **for indoor and outdoor use**
- » **date and time display**
- » **automatic power off**

Our digital handheld microscope offers 400 ... 800x magnification and a 2-inch IPS HD screen to capture images and videos. Six dimmable LEDs ensure optimum illumination and thanks to the two brightness levels, objects can also be recognised in dark environments. The digital handheld microscope supports image and video recording functions, images can be captured during observation and saved on a micro SD memory card (not included, max. 32 GB). The digital handheld microscope can also be connected to a PC via a USB cable to display objects on a larger screen.

Various recording modes are available, including single recording and timed continuous recording (2, 3, 5 or 10 seconds). Our digital handheld microscope enables automatic image capture at set time intervals with the continuous capture function and is ideal for long-term observations and time-lapse studies. Loop recording offers adjustable intervals from 5 seconds to 30 minutes. Focus and exposure can be adjusted as required. Various colour effects such as black and white and reminiscence are available. The auxiliary line function includes options such as core and cross and enables precise positioning and measurement of samples.

Specification

General technical data	
Display type	IPS
Display size	2 Inch
Display resolution	320 x 240
Storage medium	Micro SD card
Storage capacity	32 GB
Interface	USB-C
Resolution	Video: 720 pixels, 1080 pixels (adjustable) Image: JPG 2 megapixels
Operating time	3 h
Automatic power-off from...to	3 ... 10 min.
Automatic power-off can be deactivated	Yes
Light source	6 dimmbare LED's
Magnification	400 ... 800 x
Menu language	English, German, French, Italian, Spanish, Dutch, Portuguese, Danish, Turkish, Polish, Russian, Chinese, Japanese, Korean, Czech, Hebrew, Hungarian, Arabic, Thai, Romanian, Swedish
Protection class (device)	IP20
Power supply	5 V, 1 A
Weight	131 g
Operating conditions	10 ... 50 °C , 0 ... 85 % r.F
Storage conditions	10 ... 50 °C , 0 ... 85 % r.F
Capacity	700 mAh
Dimensions (L x W x H)	165 x 60 x 60 mm