

Technical Inspection Camera PCE-VE 200 KIT2

PCE-VE 200 Inspection Camera

Video inspection camera for nondestructive evaluation (NDE) and machine diagnostics

PCE-VE 200 is a video inspection camera, for nondestructive evaluation (NDE) and machine diagnostics. The PCE-VE 200 video borescope provides excellent image quality at an affordable price. An ideal tool for diagnosing hard-to-reach places, the scope can be rotated 180 ° and offers 6 LED lights with adjustable intensity for optimal illumination. In addition, digital image magnification or zoom of up to 4 times is available. The borescope stores the recorded images and videos directly to a micro SD card memory. The 3.28 ft cable length and 0.18 in cable diameter allow the video inspection camera unique access to view the insides of walls, pipes, vents, ducts, engines and machinery, thus eliminating the need for costly and time-consuming dismantling. Mechanical engineering, manufacturing, automotive, aviation, construction, plumbing and heating, ventilation, air conditioning and refrigeration (HVACR) professionals alike find this video inspection camera useful in a variety of applications.

- 3.5 in LCD display
- 3.28 ft cable length
- 0.18 in cable diameter
- 1/8 in camera head / CMOS chip image sensor
- 1600 x 1200 pixels JPEG image / 640 x 480 pixels AVI video resolution
- Micro SD card memory
- Micro USB 2.0 and TV outputs

Technical specifications

Display	LCD, 3.5 in
Resolution	1600 x 1200 pixels JPEG image / 640 x 480 pixels AVI video
Image rotation	180 ° and mirror functionality
Freeze functionality	Yes
Zoom	Up to 4 times digital image magnification
Menu languages	English, Spanish, French, German, Russian, Japanese, Simplified Chinese, Traditional Chinese
Cable diameter	4.5 mm / 0.18 in cable diameter
Cable length	1 m / 3.28 ft
Cable rigidity	Semi-flexible (semi-rigid spiral)
Camera head	1/8 in CMOS chip image sensor
Lighting	6 white LEDs (adjustable intensity)
Field of view / perspective	90 °
Sight depth	15 ... 100 mm/0.59 ... 3.93701 in
Storage medium	Micro SD card
Interfaces	Micro USB 2.0, TV output (PAL), Micro SD card slot
Power supply	Li-ion battery

Battery capacity	2600 mAh
Operating conditions	Main unit and probe, in air: -10 ... +50 ° C / +14 ... +122 ° F, rel. humidity 15 ... 90% Probe, in water: +5 ... +50 ° C / +41... +122 ° F
Fluid resistance	Main unit and probe: Machine oil, light oil or 5% saline
Protection against	Main unit: Blowing rain (battery compartment must be closed), not underwater Probe: Water, oil and dust, according to protection class IP67

Clamp Meter 2/80 Amp; AC/DC (of high accuracy)

This Clamp Meter has been developed to determine indirectly, the the AC/DC currents with high accuracy. A non-contact clamp meter and a torch to illuminate the area being measured, have been integrated into this device. The small size of this Clamp Meter, makes it possible to use in small spaces with limited access. The large illuminated display of this Clamp Meter guarantees clear readings in dark places such as in distribution boards. The non-contact Clamp Meter will help you when exposed to potential risk and to locate with precision, break points in cables within distribution boards, etc.

- 4 digit LCD display with backlighting
- AC/DC current measurement up to 80 Amps
- save function
- DCA zero rest function
- current tester, non-contact
- integrated light to illuminate measured area
- automatic range selection
- automatic disconnect
- clamp diameter: 18 mm

Technical Specifications

AC current (50 / 60 Hz)	Range / Resolution / Accuracy 2 A / 1 mA / $\pm 2.8 \% + 10 \text{ dgt}$ 80 A / 100 mA / $\pm 3.0 \% + 8 \text{ dgt}$
DC current	Range / Resolution / Accuracy 2 A / 1 mA / $\pm 3.0 \% + 10 \text{ dgt}$ 80 A / 100 mA / $\pm 3.0 \% + 8 \text{ dgt}$
AC overload protection (non-contact)	100 VAC up to 600 VAC 50 / 60 Hz
Measurement area illumination	white LED
Conductor diameter	18 mm maximum
Display	3 2/3 digit LCD display with backlighting
Power	2 - 1.5V AAA batteries
Casing	PVC
Dimensions	164 x 65 x 32 mm
Weight	175 g
Standards	EN61010-1; CAT II / 600V EN61010-2-032; CAT III / 300V

Delivery contents:

- 1 x PCE-VE 200 camera
- 1 x USB cable

1 x USB adapter
1 x User Manual
1 x PCE-DC 3 Clamp Meter
1 x case
2 x batteries
1 x user's manual

Background info