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Technical Borescope PCE-VE 200

PCE-VE 200 is an industrial inspection camera, endoscope or borescope for the non-destructive evaluation (NDE) of engines, machines and more. This industrial borescope provides excellent image quality at an affordable price. An ideal tool for diagnosing issues in hard-to-reach places, the waterproof camera head features 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 1 m / 3.28' cable length and 4.5 mm / 0.18" 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.

Not for medical use

- Waterproof camera head (IP67 protection class)
- 4.5 mm / 0.18" diameter
- 1 m / 3.28' cable length
- 180° image rotation and mirror functionality
- 3.5" LCD display
- CMOS chip image sensor
- 1600 x 1200 pixels JPEG image / 640 x 480 pixels AVI video resolution
- Micro SD card memory (Micro SD card not included)
- Micro USB 2.0 and TV outputs

Display	LCD, 3.5"
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" cable diameter

Cable length	1 m / 3.28'
Cable rigidity	Semi-flexible (semi-rigid spiral)
Image sensor	CMOS chip
Lighting	6 white LEDs (adjustable intensity)
Field of view / angle / perspective	90 °
Sight depth	15 ... 100 mm / 0.59 ... 3.94"
Storage medium	Micro SD card (not included)
Interfaces	Micro USB 2.0, TV output (PAL), Micro SD card slot
Power supply	Rechargeable 18650 Li-ion battery
Battery capacity	2600 mAh
Battery life	Up to 5 hours from full charge
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

Delivery contents

1 x PCE-VE 200 borescope
1 x wall charger with detachable USB to Micro USB cable
1 x video output cable
1 x user manual