INDUSTRIAL BORESCOPE

PCE-IVE 330



- **Flexible camera head**
- **8" LCD monitor**
- **Brightness-adjustable LEDs**
- **Up to three meters long**
- **Video function**
- **SD card slot as storage option**

The industrial borescope is used to diagnose and monitor hard-to-reach areas on machines and systems. Due to the length of the telescopic camera, it is also possible to detect areas which are difficult to access. Visual monitoring with the telescopic camera is supported by the flexible camera head. It can be brought into the desired position by bending, and thus images at a certain angle are also made possible. On the camera are 12 bright LEDs, which illuminate the area in which the telescopic camera is to be used, very well, so that a clear picture can be transferred to the display. The brightness of the LEDs can be adjusted using a dial on the handle of the telescopic camera.

Thus, the telescopic camera can also detect potential hazards inside the machine. or example, fracture points on components are made clear by this telescopic camera. In addition to the normal mode in which the images only are transmitted to the display, a video recording can also be performed if an SD card is inserted. Thus, the performance characteristics of individual components can also be monitored and, if necessary, optimized later.
The scope of delivery of the telescopic camera includes not only the SD card, but also a card reader so that the produced video can later be easily viewed on the PC. In order for the videos to be correctly ordered when they are started on the computer, the telescope camera automatically adds the date and time to the video. Thus, no confusion can occur.

Specification

General technical data	
Resolution	704 × 576 pixels (PAL)
Display type	TFT-LCD-Display
Display size	8 Inch
Display resolution	800 x 480 pixels
Storage medium	SD card
Storage capacity	32 GB
Memory capacity (additional information)	possible SD card capacities 2 ...32 GB
Interface	SD card
Sensor	CMOS
Camera resolution	0.3 megapixels
Camera orientation	frontal 0°
Camera head diameter	23 mm
Camera probe length	320 mm
Camera probe movement	flexible
Other dimensions	Telescopic pole: Minimum length: 0.9 m Maximum length: 2.3 m
Luminous intensity	12 white LEDs
Image / video format	mp4, ASF
Menu language	English, German, French
Protection class (device)	IP20
Power supply	AC 100 ... 240 V | Hz 50/60
Connector type	Device-europlug
(Rechargeable) battery	1 x 3,7 V internal , Lithium-ion polymer battery
Capacity	1500 mAh
Operating conditions	-10 ... 50 °C , 0 ... 95 % RH
Storage conditions	-20 ... 70 °C , 0 ... 95 % RH
Dimensions (L x W x H)	163 x 198 x 34 mm
Weight	3790 g

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