

## Technical Industrial Endoscope PCE-IVE 320

**Borescope for diagnosing and monitoring inaccessible areas /  
machine and system diagnostics / LCD monitor / 12 bright LEDs on the camera head /  
adjustable LED brightness / memory function / video function / flexible camera head**

The borescope PCE-320 IVE provides for diagnosis and monitoring of inaccessible areas on machines and equipment. Due to the length of the borescope it is possible to capture even hard to reach places. This camera surveillance with the borescope is supported through the flexi camera head. It can be moved by bending into the desired position and thus allow pictures to be at a certain angle. There are 12 bright LEDs on the camera, so that the space in which the borescope is used is illuminated very well, so that a clear image can be transferred to the display. The brightness of the LEDs can be adjusted by means of a thumbwheel on the handle of the borescope.

Thus, the borescope can recognize potential hazards in the interior of machines. For instance, breakage of parts, or similar can be made clear by this borescope. In addition to the normal mode in which the images are only transmitted to the display, video recordings can also be carried out if an SD card is inserted. Thus operating characteristics of individual components can also be monitored and optionally optimized later.

Included with the borescope, in addition to the appropriate SD card, a card reader is also provided, so that the produced video can easily be viewed on a PC later. So that the videos can be correctly assigned when they are started on the computer, the borescope automatically adds the video date and time. Thus, there can be no confusion. However, it must be noted that the date and time are set correctly on the control.

- flexible camera head
- LCD monitor
- adjustable brightness LEDs
- up to three meters long
- video function
- SD card slot as a storage option

### Technical Specification of the borescope PCE-IVE 320

#### Camera

Camera head	1/4 CMOS
Pixel	0.3 Megapixel
Lighting	12 x LED (white)
Camera length	320 mm
Camera diameter	32 mm

Monitor	
LCD	5 inch / 12.7 cm
Resolution	800 * 480
Dimensions	130 x 80 x 10 mm
Telescopic pole	
Maximum length	2.3 m
Minimal length	0.9 m
Rechargeable Battery	
Battery capacity	1500 mAh
Output voltage	12 V DC, 500 mA
Charging adapter	
Input voltage	100 ... 240 V AC, 50 / 60 Hz
Output voltage	12 V DC, 500 mA
DVR	
PAL Output	704 x 576 (PAL)
Video format	MPEG-4
Recording format	ASF
SD-Card	2 ... 32 GB
General Information	
Length	Maximum length: 3 m
Operating voltage	12 V DC
Environmental conditions	-20 ... +50 °C

#### **Delivery Contents Borescope PCE-IVE 320**

1 x Camera head, 1 x LCD monitor, 1 x Rechargeable battery, 1 x Telescopic pole, 1 x Swivel, 1 x Carrying strap, 1 x SD Card (8 GB), 1 x Card reader, 1 x Headphone, 1 x Charging adapter, 1 x User manual