

# INDUSTRIAL BORESCOPE

PCE-VE 100N



- » **2-way camera probe Ø6.2 mm / 0.24 in**
- » **Image and video recording**
- » **Max. resolution 1920 x 1080**
- » **32 GB micro SD card**
- » **Integrated microphone in the device**

This state-of-the-art video industrial borescope is the essential tool for all professional visual inspections and detailed inspections in hard-to-reach places. It combines an extremely slim design with advanced recording functions to guarantee you maximum precision.

The centerpiece of the inspection system is the camera probe, which is only 6.2 mm / 0.24 in in size and has flexible 2-way articulation. This swiveling function enables precise control of the tip of the industrial borescope in two directions to inspect hidden angles and side walls with ease. To ensure an excellent view, six bright LEDs are integrated into the camera probe, the brightness of which can be individually adjusted to optimally adapt the illumination to the respective environment.

For documentation purposes, the industrial borescope provides sharp image and video recordings in a maximum resolution of 1920 x 1080 (Full HD). All recordings are conveniently stored on the 32 GB micro SD card supplied. Flexibility is increased by the robust, 1 meter long camera cable, which allows easy insertion into narrow cavities and pipes. For detailed analysis, the device offers a 4x digital zoom and an image rotation function to perfectly adjust the orientation of the image to the inspection situation. This powerful industrial borescope is supplied with a practical carrying case for safe and convenient storage.

## Specification

General technical data	
Type of cable	semi-rigid
Cable length	1 m
Display type	IPS
Display size	4,3 Inch
Display resolution	480 x 272 pixels
Storage medium	Micro SD card
Storage capacity	32 GB
Interface	USB-C
Camera resolution	JPG: 640x480 / 1280x720 / 1920x1080
Operating time	4 h
Camera head diameter	6,2 mm
Camera probe length	60 mm
Camera probe material	Metal
Camera probe movement	2-way
Protection class camera probe	IP67
Field of vision	90 °
Depth of field of vision	15 ... 100 mm
Bending angle	210 °
Bending radius	30 mm
Image / video format	JPG
Menu language	German, English (GB), English, Chinese, Japanese, Russian, French, Polish, Spanish, Italian
Protection class (device)	IP42
Power supply	5V DC (USB-C)
(Rechargeable) battery	1 x 3,7 V internal , Lithium-ion battery
Capacity	2200 mAh
Operating conditions	-10 ... 50 °C , 0 ... 90 % RH
Storage conditions	-10 ... 50 °C , 0 ... 90 % RH
Dimensions ( L x W x H )	225 x 125 x 50 mm
Weight	431 g