

Technical Borescope PCE-VE 700

Low operating costs due to a modular construction with the possibility to exchange the probes (Ø 0.7 ... 4.0 mm) / small and compact design for easy integration into the production process / easy to use even with critical components and the smallest access openings

The LED Industrial Borescope PCE-VE 700 is a modern visualization system with LED lighting that provides a wide variety of applications. So, among the other things, the borescope allows the testing of precision components made of steel, aluminum or plastics in industrial production processes or in research and development.

The device facilitates the checks, that have been carried out only with difficulty before, enormously. So, for example, the checking of complex parts with many drill-holes, such as injection mold parts, hydraulic and pneumatic components, etc. with the LED Borescope can be performed faster, easier and more accurate. Thermowells offer even more stability and additional protection. The simple change of probes allows, for example, switching from the applications with small working diameter to larger dimensions.

Thus, you can integrate the system easily into the production process. The user-friendly operation ensures efficient work. A very good image quality provides reliable inspection results. Thus, this borescope is ideally suited for the aerospace, energy and power stations, the automotive industry and quality assurance in production processes.

- Probes of 0.7 ... 4.0 mm diameter adaptable, interchangeable
- One-time purchase price with low ongoing costs when retrofitting due to purchasing the matching probes
- Time-saving due to the quick change of probes and intuitive operation
- Energy saving due to the LED technology
- Easy to use even with critical components and smallest access openings
- Highly accurate inspection results
- Longevity of the system due to the solid workmanship

Technical Specifications

Operating elements front panel	White balance, GAIN (3 presets), Window functionality (4 presets), on / off switch, LED brightness control
Video outputs	S-Video (Y / C), Composite video (CVBS)
Digital output	USB 2.0
Image sensor camera head	1/4 "CCD
Scanning system	2: 1 interlaced
Pixels	PAL 752 (H) x 582 (V)

Resolution	625 lines
Signal to noise ratio (SNR)	46 dB
Power supply	100 ... 240 V AC, max. 0.5 A, 50/60 Hz
Power consumption	10 VA
Operating temperatures	+10 ... +40 ° C
Dimension control unit	169 x 62 x 247 mm (W x H x D)
Weight control unit	1.2 kg

Delivery contents:

1 x Borescope PCE-VE 700, 1 x control unit, 1 x carrying case, 1 x manual
1 x demo version for image and video recording and archiving (MediaWorkStation)

Please note: Not suitable for medical purposes! Probes are not included. Please order separately!