Endoscopes offer new perspectives of the interior of machines and equipment and are the ideal tool for servicing and maintenance. Thanks to their flexible fibre optic cables and their light weight, these high-quality endoscopes are ideal for preventative measures to be taken without the need to dismantle the machinery first. With the help of endoscopes, inspections in industrial sector can therefore be organized considerably faster, and more cost-efficiently. Endoscopes are used mainly by electricians, safety professionals, experts in any sector, mechatronics engineers, precision mechanics, motor mechanics, etc. Endoscopes are also useful in schools and universities, especially in practical applications, for demonstrating the internal systems of a larger system or device. Originally, endoscopes were developed for medical diagnostics. Today, they are also used in the industrial sector to make visual checks of spaces which are difficult to access. Our technicians and engineers will be pleased to advise you on all our products.
PCE-VE 1036HR-F

2-way industrial endoscope with various optional endoscope cables (1 m - 10 m and Ø 3.9 mm - 6 mm)

- large LCD (7”)
- bright LEDs on the camera head
- increase picture quality with 3 buttons:
  - high-resolution, clear images
  - brilliant pictures in low light conditions
  - anti-reflection and particle-free images on metal and mirror surfaces
- side LED’s for a better illumination when using a mirror
- memory for pictures and videos on SD card
- microphone for the audio input
- USB-interface

**TECHNICAL SPECIFICATIONS**

**Main unit**
- Screen: 7” LCD, 800 x 480 pixels
- Photo resolution: 640 x 480 pixels / JPEG
- Video resolution: 640 x 480 pixels / MPEG (with Sound)
- Case test: 1 m fall
- Power supply: Li-Ion battery
- Interface: USB
- Memory: 8 GB SD card up to 32 GB
- AV output / interface: NTSC / PAL
- Audio input: Built-in microphone
- Brightness setting: Adjustable, 10 levels
- Run time per battery charge: 5 hours
- Charging time: 3 hours
- Charging temperature: +10...+40°C
- Operating temperature: 0...+60°C
- Storage temperature: 0...+60°C
- Protection class: IP 57
- Dimensions: 240 x 154 x 47 mm
- Weight: 1300 g

**Camera Cable**
- Cable length: 3 m
- Camera head: Ø 6 mm
- Control unit of the cable: Lighting improvement
  - Rotation by 360°, in 90°Steps, change the scattering when using a mirror
  - Camera head lock, keylock
  - Camera head w. 3 white LEDs
- Lighting: ca. 20 mm
- Length camera head: ca. 20 mm
- Material Camera head: Stainless steel
- Resolution: VGA (640 x 480)
- Depth of cut: 10...60 mm
- Working and storage temperature: -20...+60°C
- Protection class: IP67
- Video output: NTSC
- Viewing angle: 135°
- Dimensions: 228 x 35 x 53 mm
- Weight: 400g

**OPTIONAL ACCESSORIES**

- K-PCE-VE-N-SCS: Borescope cable 1 m / Ø 3,9 mm semi rigid
- K-PCE-VE-2in1-N: 2 in1 cable 1 m / Ø 4,9 mm front camera and side camera switchable / semi rigid
- K-PCE-VE-N-SC1: Borescope cable 1 m / Ø 5,5 mm semi rigid
- K-PCE-VE-N-SC2: Borescope cable 2 m / Ø 5,5 mm semi rigid
- K-PCE-VE-N-SC10: Cable 10 m / Ø 5,5 mm flexible
- K-PCE-VE-2W1-N: 2-way Borescope cable 1 m / Ø 6,0 mm, flexible

**INCLUDES**
- Borescope, thrust cables, carrying case, 8GB SD-card, cleaning kit, front mirror, USB cable, video cable, power adapter, user manual

**ITEM NO.** | **ITEM**
---|---
K-PCE-VE 1000 | borescope, basic equipment
K-PCE-VE 1036HR-F-F | borescope
## PCE-VE 200

Borescope for Industry, Ø 4.5 mm, and Camera cupping

- 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
- Micro USB 2.0 and TV outputs

### TECHNICAL SPECIFICATIONS

<table>
<thead>
<tr>
<th>Display</th>
<th>LCD, 3.5&quot;</th>
</tr>
</thead>
<tbody>
<tr>
<td>Image sensor</td>
<td>CMOS</td>
</tr>
<tr>
<td>Resolution</td>
<td>1600 x 1200 pixels JPEG / 640 x 480 pixels AVI video (dynamic / static)</td>
</tr>
<tr>
<td>Image rotation</td>
<td>180° and Mirror functionality</td>
</tr>
<tr>
<td>Freeze functionality</td>
<td>Yes</td>
</tr>
<tr>
<td>Zoom</td>
<td>Up to 4 times digital image magnification</td>
</tr>
<tr>
<td>Menu languages</td>
<td>English, Spanish, French, German, Russian, Japanese, Simplified Chinese, traditional Chinese</td>
</tr>
<tr>
<td>Cable diameter</td>
<td>4.5 mm / 0.18&quot; cable diameter</td>
</tr>
<tr>
<td>Cable length</td>
<td>1 m / 3.28´</td>
</tr>
<tr>
<td>Cable rigidity</td>
<td>Semi-flexible (semi-rigid spiral)</td>
</tr>
<tr>
<td>Lighting</td>
<td>6 white LEDs (adjustable intensity)</td>
</tr>
<tr>
<td>Field of view/ angle</td>
<td>90°</td>
</tr>
<tr>
<td>Sight depth</td>
<td>15...100 mm / 0.59...3.94&quot;</td>
</tr>
<tr>
<td>Storage medium</td>
<td>Micro SD card (not included)</td>
</tr>
<tr>
<td>Interfaces</td>
<td>Micro USB 2.0, TV output (PAL), Micro SD card slot</td>
</tr>
<tr>
<td>Power supply</td>
<td>Rechargeable 18650 Li-ion battery</td>
</tr>
<tr>
<td>Battery capacity</td>
<td>2600 mAh</td>
</tr>
<tr>
<td>Battery life</td>
<td>Up to 5 hours from full charge</td>
</tr>
</tbody>
</table>

### 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:
Machine oil, light oil or 5% saline
not underwater,
Probe:
Water, oil and dust, according to protection class IP67

### Protection against

Main unit:
Blowing rain (battery compartment must be closed)
not underwater,

### INCLUDES

- Video-borescope, video output cable, wall charger with detachable USB to Micro USB cable, instruction manual

### ITEM NO. | ITEM
--- | ---
K-PCE-VE 200 | borescope

## PCE-RS 27 / 40

Borescope ( Ø 2.7 mm / Ø 4.0 mm)

- diameter 2.7 mm or 4 mm (depending on the type)
- LED bulbs
- working length 175 mm (PCE-RS 27) / 175 or 432 mm (PCE-RS 40)
- extremely robust
- High resolution
- battery operation

### TECHNICAL SPECIFICATIONS

<table>
<thead>
<tr>
<th>Effective length</th>
<th>175 mm at PCE-RS 27</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diameter</td>
<td>2.7 mm at PCE-RS 27</td>
</tr>
<tr>
<td>Field of view</td>
<td>45°</td>
</tr>
<tr>
<td>Lighting</td>
<td>LED</td>
</tr>
<tr>
<td>Power supply</td>
<td>3.7 V Li-Ion battery (rechargeable)</td>
</tr>
</tbody>
</table>

### INCLUDES

Rigid borescope, rechargeable battery, charger, carrying case, operating instructions

### ITEM NO. | ITEM
--- | ---
K-PCE-RS 27 | rigid borescope
K-PCE-RS 40-175 | rigid borescope
K-PCE-RS 40-432 | rigid borescope

### OPTIONAL ACCESSORIES

<table>
<thead>
<tr>
<th>ITEM NO.</th>
<th>ITEM</th>
</tr>
</thead>
<tbody>
<tr>
<td>K-ES-45-RS27</td>
<td>Mirror extension for PCE-RS 27</td>
</tr>
<tr>
<td>K-ES-45-RS40-175</td>
<td>Mirror extension for PCE-RS 40</td>
</tr>
<tr>
<td>K-ES-45-RS40-432</td>
<td>Mirror extension for PCE-RS 40</td>
</tr>
</tbody>
</table>

www.pce-instruments.com/us
**PCE-RS 50 / 90**

Borescope (Ø 5 mm / Ø 9 mm)

- Light weight
- Ergonomic design
- Light temperature 5300° K
- Minimal heat development
- No lamp replacement needed
- Adjustable light intensity

**TECHNICAL SPECIFICATIONS**

- Diameter: 5 mm or 9 mm depending on model
- Working length: 275 mm or 350 mm
- Viewing direction: 90°
- Brightness: Individually adjustable
- Lighting: LED (1 W)
- Battery pack: Li-Ion
- Light temperature: 3500° K

**INCLUDES**

- Rigid borescope, power supply, charger, carrying case, user manual

<table>
<thead>
<tr>
<th>ITEM NO.</th>
<th>ITEM</th>
</tr>
</thead>
<tbody>
<tr>
<td>K-PCE-RS 50</td>
<td>borescope</td>
</tr>
<tr>
<td>K-PCE-RS 90</td>
<td>borescope</td>
</tr>
</tbody>
</table>

**PCE-VE 320HR / PCE-VE 333HR**

Borescope (Ø 5,5 mm / L = 1 m or 3 m) / Video and image recording

- With boost function, better pictures in dark areas and holes
- Cable diameter of 5,5 mm
- LED illumination (2 additional LEDs at the sides for better illumination when using the mirror)
- Various camera tubes optional

**TECHNICAL SPECIFICATIONS**

- Display: 3.5” (88.9 mm) TFT display
- Image sensor: CMOS
- Resolution videos/pictures: 640 x 480
- Picture format: JPEG
- Frame rate: 30 fps
- Lighting: Automatic
- 4 LEDs on the front
- 2 LEDs on the side
- Field of view: 67°
- Depth of field: 1,5...10 cm
- Bending radius: 90 mm
- Cable length: 1 m at PCE-VE 320HR
- 3 m at PCE-VE 333HR
- Cable rigidity: Semi-flexible
- Cable diameter: 5,5 mm
- Boost function: Improved image quality in dark environments
- Interfaces: Mini-USB 1.1, AV out
- Memory: 8 GB SD card
- Compression format: MPEG4
- Video format: ASF
- Video output system: NTSC / PAL
- Power supply: Rechargeable 3.7 V Li-Ion battery
- Operating Conditions: 0...+60°C
- Dimensions: 207 x 118 mm (79 mm) x 37 mm
- Weight: 450 g (incl. carrying case)

**INCLUDES**

- Video-borescope, 8 GB SD card, USB cable, mains adaptor, carrying case, instruction manual

<table>
<thead>
<tr>
<th>ITEM NO.</th>
<th>ITEM</th>
</tr>
</thead>
<tbody>
<tr>
<td>K-PCE-VE 320HR</td>
<td>borescope cable 1 m</td>
</tr>
<tr>
<td>K-PCE-VE 333HR</td>
<td>borescope cable 3 m</td>
</tr>
</tbody>
</table>

Before “boosting”

After the “Boost”

[www.pce-instruments.com/english]
PCE-VE 3xxN Series

Borescope (Ø 5.5 mm / L up to 10 m)
- cables available in lengths 1 m, 2 m and 10 m
- images / photos (stored in device) and videos
- cable to access areas which are difficult to reach
- LED light enables user to view dark cavities
- video output NTSC & PAL

PCE-VE 360N

Borescope for Industry, Workshops and R&D; Ø 3.9 mm, L = 1,000 mm
- data stored on SD card / 8 GB SD card included in delivery
- cable diameter only 3.9 mm / 1 m cable length
- type of cable: semi-rigid (gooseneck)
- image and video recording possible
- image data can be viewed in display

### TECHNICAL SPECIFICATIONS

**Model**
- PCE-VE 320
- PCE-VE 330
- PCE-VE 340

**Cable length**
- 1 m
- 2 m
- 10 m

**Diameter**
- 5.5 mm

**Bending radius**
- 90 mm

**Resolution**
- 320 x 240 / 640 x 480

**Frame rate**
- 30 fps

**Viewing distance**
- 15 ... 100 mm

**Display**
- TFT 3.5” (8.89 cm)

**Interface / memory**
- USB / SD card 8 GB

**Operating conditions**
- 0 ... +60 °C

**Power supply**
- 3.7 V Li-Ion battery

**Weight**
- 450 g

### INCLUDES

- Video borescope (one of the models), SD card 8 GB, software, USB cable, carrying case, manual

### ITEM NO. | ITEM
---|---
K-PCE-VE 320N | video borescope 1 m
K-PCE-VE 330N | video borescope, 2 m
K-PCE-VE 340N | video borescope, 10 m

### OPTIONAL ACCESSORIES

- K-ES-45-VE 300 | mirror attachment 45 °
**PCE-VE 380N**

**Video Borescope for Pipe Inspection**
- camera head only 28 mm Ø / incl. hand-held device
- 8 GB SD card (images and videos)
- waterproof camera head / case protection IP 68
- bright illumination (8 LEDs)
- push cable length of 22 m

**TECHNICAL SPECIFICATIONS**
- Cable Ø and length: 28 mm / 22 m
- Vis. distance/angle of view: 10... mm / 150.8 °
- Exposure: automatic
- Frame rate: 30/s
- Field of view: 150.8°
- Depth of field: 10...mm
- Interface: mini USB 1.1 & AV out
- Storage options: images and videos
- Image format: JPEG (640 x 480 pixels)
- Video output format: NTSC & PAL
- Video format: ASF (320 x 240)
- Memory: 8 GB SD memory card
- Display: 3.5" TFT
- Illumination: 8 LED
- Power supply: 3.7 V rechargeable Li-Ion battery
- Operating conditions: -10 ... +60 °C
- Dimens. hand-held device: 207 x 118 (79 mm) x 37 mm

**INCLUDES**
- Hand-held endoscope, cable on reel, centring star, 8 GB SD card, carrying case, instruction manual

**ITEM NO.** | **ITEM**
---|---
K-PCE-VE 380N | borescope

---

**PCE-VE 350N / PCE-VE 350N3**

**2-Way Borescope for Industry / Crafts with 8 GB SD Card for Images / Videos**
- flexible cable
- cable diameter 6.0 mm
- records images / photos and videos
- 2-way optics
- 8 GB memory card
- carrying case included

**TECHNICAL SPECIFICATIONS**
- Flexible cable length: 1000 mm or 3000 mm (with joystick 2000 mm)
- Image sensor: CMOS
- Resol. image sensor: 320 x 240 / 640 x 480 (dynamic / static)
- Frame rate: 30/s
- Exposure: automatic
- White balance: fixed
- Field of view / angle of view: 67°
- Visible distance: 1.5 ... 10 cm
- Illumination: 4 LEDs
- Cable diameter: 6.0 mm
- Camera head: can be moved in 2 directions
- Bending radius: 90 mm
- Display: 3.5" TFT
- Interface: mini USB 1.1 & AV out
- Image memory: SD memory card 2 GB
- Compression format: MPEG4
- Image format: JPEG (640 x 480)
- Video output format: NTSC & PAL
- Video format: ASF (320 x 240)
- Memory: 8 GB SD memory card
- Display: 3.5" TFT
- Interface: mini USB 1.1 & AV out
- Image memory: SD memory card 2 GB
- Compression format: MPEG4
- Image format: JPEG (640 x 480)
- Video output format: NTSC & PAL
- Video format: ASF (320 x 240)
- Memory: 8 GB SD memory card

**INCLUDES**
- Video endoscope, 8 GB SD card, USB cable, carrying case, battery charger, instruction manual

**ITEM NO.** | **ITEM**
---|---
K-PCE-VE 350N | borescope cable 1000 mm
K-PCE-VE 350N3 | borescope cable 3000 mm

**OPTIONAL ACCESSORIES**
- K-SOFT-M-VE-N software
- K-PCE-VE-N-SC1 borescope cable 1 m
- K-PCE-VE-2in1-N 2-in-1 borescope cable
- K-PCE-VE-N-SC2 borescope cable 2 m
- K-PCE-VE-N-SC10 borescope cable 10 m
- K-PCE-VE-2W1-N 2-way borescope cable
**Borescope**

**PCE-VE 350HR / PCE-VE 350HR3**

Borescope (Ø 6,0 mm / L = 1 m or 3 m) / Video and image recording

- data stored on SD card / 8 GB SD card included in delivery
- with boost function, better pictures in dark areas and holes
- cable diameter only 6 mm / 1 m or 3 m cable length
- type of cable: flexible
- borescope with addressable head
- LED illumination (2 additional LEDs at the sides for better illumination when using the mirrors)

**TECHNICAL SPECIFICATIONS**

- Flexible cable length: 1000 mm or 3000 mm depending on model
- Image sensor: CMOS
- Resolution image sensor: 320 x 240 / 640 x 480 pixels (dynamic / static)
- Frame rate: 30/s
- Exposure: automatic
- White balance: fixed
- Field of view: 67 °
- Visible distance: 1.5 ... 10 cm
- Lighting: 4 LEDs on the front
- Display: 3.5" TFT display
- Cable diameter: 6 mm
- Interface: mini USB 1.1 (AV out)
- Image memory: 8 GB (SD memory card)
- Compression format: MPEG4
- Image format: JPEG (640 x 480)
- Video output format: NTSC & PAL
- Video format: ASF (320 x 240)
- Power supply: rechargeable 3.7 V Li-ion battery
- Operating conditions: 0 ... +60 °C
- Weight: 450 g (including bag)

**INCLUDES**

Video borescope, cable, 8 GB SD card, USB cable, carrying case, battery charger, instruction manual

**ITEM NO.** | **ITEM**
--- | ---
K-PCE-VE 350HR | borescope cable 1 m
K-PCE-VE 350HR3 | borescope cable 3 m

**PCE-VE 370HR / HR3**

Borescope (Ø 6.0 mm / L=1 m or 3 m)

- with boost function, better pictures in dark areas and holes
- 4-way borescope including camera head with 4-way optics
- 8 GB SD card
- LED illumination (2 additional LEDs at the sides for better illumination when using the mirrors)

**TECHNICAL SPECIFICATIONS**

- Flexible cable length: 1000 mm or 3000 mm depending on model
- Image sensor: CMOS
- White balance: fixed
- Diameter: 6.0 mm
- Bending radius: 90 mm
- Resolution: 320 x 240 / 640 x 480
- Frame r./angle of vis.: 30 per second / 67 °
- Viewing distance: 15 ... 100 mm
- Display: TFT 3.5" (8.89 cm)
- Interface / memory: USB / SD card 8 GB
- Compression format: MPEG4
- Video format: ASF
- Picture format: JPEG
- Operating conditions: 0 ... +60 °C
- Power supply: 3.7 V Li-Ion battery
- Weight: 450 g

**INCLUDES**

Video borescope (one of the models), SD card 8 GB, software, USB cable, carrying case, manual

**ITEM NO.** | **ITEM**
--- | ---
K-PCE-VE 370HR | video borescope 1 m
K-PCE-VE 370HR3 | video borescope 3 m
### PCE-VE 650
Borescope (Ø 4.5 mm / L=1500 mm)
- rotatable camera head
- 2-way borescope
- two bright LEDs on the camera head
- 16 GB SD card (max. 32 GB supported)
- 3600 mAh rechargeable battery

### VIS 3xx Series
Innovative Camara for Video Inspection with 20 m Cable
- rotatable and pivotable colour camera head (40 mm Ø)
- orientation help by home function – camera head aligns itself automatically
- 4 h flexibility – ample battery life with 2 rechargeables batteries for replacement
- video and photo recordings stored
- intergrated location transmitter allows radiolocation
- camera head position indicated in display
- 2 GB SD card (Wöhler VIS 350)
- flexible

### TECHNICAL SPECIFICATIONS
- Display 7" TFT / 16:9 format
- Video-out FBAS signal
- Power supply 2 12 V rech. batt. / 4 h b. life or mains adaptor
- Dimensions 176 x 114 x 32 mm
- Weight 400 g
- Rotating / pivoting head type: 1/3" COLOR CMOS
- Pixels (PAL / NTSC) 768 x 576 / 656 x 492
- Light sensitivity 0.5 lux
- Lens f = 2.3 mm, F = 2.5
- Image capturing angle H 115 °
- Light source 12 white LEDs
- Protection waterproof in line with IP 67
- Dimensions Ø 40 x 60 mm
- Operating conditions 0 ... +40 °C, 95 % max. RH
- Storage conditions -20 ... +50 °C, 95 % max. RH
- Transmission frequency 8.9 kHz

### INCLUDES
- Video endoscope, rotatable and pivotable colour camera head, wide screen TFT colour monitor, 2 m cable for monitor connection, spare plastic domes, anti-slip pad, rechargeable NiMH battery, charger, hard carrying case, instruction manual
- VIS 300 20 m push rod, Ø 6.5 mm
- VIS 350 2 GB SD card, mini USB cable, electronic meter counter

### OPTIONAL ACCESSORIES
- K-3883 I guidance set 70
- K-7430 J L 200 locator
- K-3847 J guidance sleeve with lens protection
- K-3681 J camera roller guide
- K-3634 J guidance ball
- K-3169 J car recharger cable
- K-3854 J centring star
- K-3857 J guidance weight
- K-3674 J glass dome
- K-3675 J plastic domes 10 units
- K-6814 J sunshade

### TECHNICAL SPECIFICATIONS
- Camera 1/18" CCD sensor
- Depth of field 10...100mm
- Diameter/ length Ø 4,5 mm / 1500 mm
- Video signal NTSC
- Display resolution 960 x 240 pixel
- Picture a. video resolution 720 x 576 / 720 x 480 pixel
- Rotating angle 0...90°
- SD card 16 GB (max. 32 GB )
- Interfaces USB 2.0
- Video signal NTSC / PAL
- Power supply 3600 mAh battery
- Manu languages English, Spanish, German, French, Italian, Chinese
- Operating conditions -10...+40°C
- Storage conditions -25...+55°C
- Dimensions 100 x 89 x 28 mm

### INCLUDES
- Video borescope, SD card 16 GB, USB cable, carrying case, mains adaptor, battery, manual

### ITEM NO. | ITEM
--- | ---
K-PCE-VE 650 | video borescope

---

L 200 locator:
for locating the sensor head in pipes and walls (optional).
**PCE-VE 700**

LED borescope with workstation / integration into the production process

- probes of 0.7…4.0 mm diameter adapter, interchangeable
- one-time purchase price with low ongoing when tetrofi tting 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
- longevity of the system due to the solid workmanship
- highly accurate inspection results

**TECHNICAL SPECIFICATIONS**

- Operating elements: white balance, GAIN (3 presets)
- 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
- Resolution: 625 lines
- Signal to noise ratio (SNR): 46 dB
- Power supply: 100...240 V AC, max. 0.5 A, 50/60Hz
- Power consumption: 10 VA
- Dimension / weight: 169 x 62 x 247 mm / 1.2 kg

**INCLUDES**

Borescope, control unit, carrying case, demo version for image and video recording and archiving, manual

**ITEM NO.** | **ITEM**  
---|---  
K-PCE-VE 700 | borescope

**OPTIONAL ACCESSORIES**

<table>
<thead>
<tr>
<th>ITEM NO.</th>
<th>ITEM</th>
</tr>
</thead>
<tbody>
<tr>
<td>K-96.0405s</td>
<td>probe stainless steel 96.0404s (rigid) Ø 4.0 mm, L-170 mm,</td>
</tr>
<tr>
<td>K-96.0275s</td>
<td>probe Ø 2.7 mm, L-110 mm, (rigid)</td>
</tr>
<tr>
<td>K-MSP.30110</td>
<td>thermowell probe f. Ø 3.0 96.0275s</td>
</tr>
<tr>
<td>K-96.0152s</td>
<td>probe Ø 2.0 mm, L-135 mm, (rigid)</td>
</tr>
<tr>
<td>K-MSP.22132</td>
<td>thermowell probe f. 96.0152s Ø 2.2</td>
</tr>
<tr>
<td>K-96.0158s</td>
<td>probe Ø 2.0 mm, L-135 mm, (rigid)</td>
</tr>
<tr>
<td>K-MSP.22135</td>
<td>thermowell probe f. Ø 2.2 96.0158s</td>
</tr>
<tr>
<td>K-96.0103s</td>
<td>probe Ø 0.7 mm, L-150 mm, plastic tubing (flexible)</td>
</tr>
<tr>
<td>K-MSP.10150</td>
<td>thermowell probe f. 96.0103s Ø 1.0</td>
</tr>
<tr>
<td>K-96.0274s</td>
<td>probe Ø 2.7 mm, L-110 mm, (rigid)</td>
</tr>
<tr>
<td>K-MSP.30111</td>
<td>thermowell probe f. 96.0274s Ø3.0</td>
</tr>
<tr>
<td>K-96.0123s</td>
<td>probe Ø 1.6 mm, L-150 mm, (flexible)</td>
</tr>
<tr>
<td>K-MSP.19150</td>
<td>thermowell probe f. 96.0123s Ø 1.9</td>
</tr>
<tr>
<td>K-96.0132s</td>
<td>probe Ø 1.6 mm, L-135 mm, nickel titanium tube (semi-flexible)</td>
</tr>
<tr>
<td>K-MSP.10153</td>
<td>thermowell probe f. 96.0132s Ø 1.8</td>
</tr>
<tr>
<td>K-96.0124s</td>
<td>probe Ø 1.0 mm, L-150 mm, nickel-tita.</td>
</tr>
<tr>
<td>K-MSP.12150</td>
<td>thermowell probe f. 96.0124s Ø 1.2</td>
</tr>
<tr>
<td>K-96.0103s</td>
<td>probe Ø 0.7 mm, L-150 mm, plastic tubing</td>
</tr>
<tr>
<td>K-MSP.10150</td>
<td>thermowell probe f. 96.0103s Ø 1.0</td>
</tr>
<tr>
<td>K-96.0132s</td>
<td>probe Ø 1.6 mm, L-135 mm, nickel-tita.</td>
</tr>
</tbody>
</table>
| K-96.0020l | holder / holder for the PCE-VE 700

**PCE-IVE 320**

Borescope Ø 32 mm for diagnostics

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

**TECHNICAL SPECIFICATIONS**

- Camera heat / LED: 1/4 CMOS / 12 white LEDs
- Pixel: 0.3 megapixels
- Camera length / diameter: 320 mm / 23 mm
- LCD screen: 5.0-inch LCD
- Resolution: 800 x 480
- Monitor size: 130 x 80 x 10 mm
- Telescopic stick length: 0.9 m - 2.3 m
- Battery capacity: 1500 mAh
- Output voltage: DC 12V
- Input voltage: AC 100…240 V 50/60 Hz
- Output voltage: DC 12 V 500 mA
- PAL Output: 704 x 576 (PAL)
- Video format / SD card: MPEG-4 / 2...32GB
- Recording format: ASF
- Complete set length: max. length 3 m
- Voltage supply: DC 12 V
- Operating / storage temp.: -20°C...+50°C

**INCLUDES**

camera heat, LCD monitor, battery, telescopic pole, swivel, carrying strap, SD card 8 GB, card reader, headphone, charging adapter, user manual

**ITEM NO.** | **ITEM**  
---|---  
K-PCE-IVE 320 | borescope