



Endoscopes offer new perspectives to viewing the insides of machines and are the ideal tool for care and maintenance. Thanks to their flexible fibre optic cables and light weight enclosure, these extraordinary endoscopes are the ideal tool 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, security personnel, specialists in the professional sector, and mechanics of all types. Endoscopes are exceptional tools in places such as schools or universities, especially in practical applications, for demonstrating the internal systems of a larger system or device. Originally, endoscopes were developed for medical diagnostics, today also are used in industry to make visual checks of difficult-to-access spaces. Our technicians and engineers will be pleased to be able to advise you on all our products.

PCE-DE 25

Endoscope with 9.8 mm diameter

- Semi-flexible cable / 1,000 mm length
- Single-hand operation / Adjustable endoscope
- LCD monitor / TFT 2.4" with 320 x 240 pixels



Technical specifications

| | |
|------------------|---------------------------------------|
| Cable length | 1,000 mm |
| Lens | Ø 9.8 mm |
| Cable | Ø 7 mm |
| Type of cable | Swan-neck, semi-flexible |
| Radius bend | min. 4.5 cm |
| Angle of vision | 54° |
| Light exposure | Automatic |
| White balance | Automatic |
| Screen | LCD Monitor TFT 2.4" 320 x 240 pixels |
| Camera | CMOS Optic sensor |
| LED | 4, white |
| Brightness | Adjustable using dial |
| Oper. conditions | 0 ... +45 °C / < 95 % r.H. |
| Power | 4 x 1.5 V batteries AA |
| Weight | 562 g |

Delivery content

Endoscope, semi-flexible cables, instructions

| Item | Item |
|-------------|-----------|
| K-PCE-DE 25 | Endoscope |

PCE-DE 30

WiFi-Endoscope (Ø 8.5 mm / L = 1 m)

- Wi-Fi function to transfer the measured data to smartphones or tablets
- Can reach 20 m
- Swan-neck, semiflexible & waterproof
- The 4 LED lights make it possible to see in dark areas.



Technical specifications

| | |
|------------------|--|
| Cable length | 1 m |
| Diameter | 8.5 mm |
| Radius bend | 90 mm |
| Resolution | 640 x 480 pixels |
| Object lens | f = 2.8; View angle.: 54 ... 60° |
| Angle of vision | 25 fps (iPhone, iPad), 30 fps (Android, Windows) |
| Image sensor | Sensor VGA CMOS |
| Superf. sensor | 1/9" |
| Vision distance | 20 ... 150 mm |
| Operates with | iPhone, iPad, Android, Windows XP, Vista, 7, 8 |
| Oper. conditions | -10 ... +50 °C |
| Power | 3.7 V Li-on battery |
| Dimensions | 230 x 195 x 100 mm |
| Weight | 500 g |

Delivery content

Endoscope Wi-Fi, USB cable, manual tie, video cable, mains adaptor, instructions manual

| Reference | Item |
|-------------|----------------------|
| K-PCE-DE 30 | Endoscope Wi-Fi, 1 m |

PCE-RVE 30

Rigid endoscope with 3.9 mm Ø

- Video endoscope with 2 LED's
- Nozzle diameter only 3.9 mm
- Rigid end with flexible 3 m long cable
- Casing protection IP 67
- Possible to save images & videos with sound
- Data stored on SD card (not included)



Technical specifications

| | |
|--------------------|-----------------------------------|
| Cable length | 3,000 mm (flexible) |
| Resol./Image sens. | 320 x 240 |
| Image rotation | Up to 360° |
| Screen | TFT 3.5" display |
| Resol. / Screen | 640 x 480 |
| Zoom | 5x |
| Illumination | 2 LED, regulable |
| Sharp range | 30 ... 80 mm |
| Cable diam. | Ø 3.9 mm, Length 320 mm |
| Interface | USB 1.1 & AV out |
| Storage | SD card (not included) |
| Compression format | MPEG4 |
| Image format | JPEG (320 x 240) |
| Video format | NTSC & PAL |
| Power | 4 x AA Type (4 ... 6 h Cont. use) |

Delivery content

Rigid endoscope, USB cable, AV cable, batteries, instructions

| Reference | Item |
|--------------|-----------|
| K-PCE-RVE 30 | Endoscope |

Findoo MicroCam

Endoscope with removable monitor

- Wireless image transfer of to monitor (2.4 GHz)
- Waterproof (IP & 67) camera head with 4.5mm diameter / 90 cm working length cable
- Recording & playback using SD card
- Adjustable LED's / MicroSD card slot (max. 16 GB)
- TV connection option USB 2.0 for PC connection



Technical specifications

| | |
|------------------|--|
| Camara | Ø 4.5 mm |
| Aperture angle | 63° (horizontal) |
| Monitor | Removable, 89 mm, TFT, colour |
| Image resol. | 640 x 480 pix./ image rang. 30 fps |
| Image sensor | 320 x 240 pixels |
| Oper. conditions | -10 ... +50 °C / 15 ... 85 % r.H. |
| Power | Li-Ion batt, transform. (Mon. TFT) 4 x Batteries AA (Camara) |
| Dimensions | 10 x 7 x 3 cm (Monitor TFT colour) 186 x 145 x 41 mm (Camara) |
| Weight | 297 g (Camara incl. support) 140 g (Monitor TFT) |

Delivery content

Endosc., 90 cm probe with 4.5 mm head, colour mon., transform., bat., USB cable, carrying case, instructions

Reference Item

K-Findoo MicroCam Endoscope; 4.5 mm;



PCE-VE 360N

Endoscope for industry, workshops and R&D; Ø 3.9 mm, L = 1,000 mm

- Data stored on SD card / 2 GB SD card included in delivery
- Cable diameter is only 3.9 mm // 1 m cable length
- Type of cable: Semi-rigid ("Swan-neck")
- Video-Endoscope with 4 LED's
- Image & video recording
- Image data can be viewed on device



Technical specifications

| | |
|-----------------------|--|
| Flexible cable length | 1,000 mm |
| Image sensor | CMOS |
| Resol./ Image sensor | 320 x 240 / 640 x 480 (dynamic / static) |
| Image freq. | 30 / s |
| Exposure | Automatic |
| Balance-white | Fixed |
| Field of view | 67° |
| Visible distance | 1.5 ... 10 cm |
| Illumination | 4 LED |
| Cable diameter | 3.9 mm |
| Screen | TFT 3.5" display |
| Interface | Mini-USB 1.1 (AVout / AVin) |
| Memory imag. | 2 GB (SD memory card) |
| Compression format | MPEG4 |
| Image format | JPEG (640 x 480) |
| Video output format | NTSC & PAL |
| Video format | ASF (320 x 240) |
| Oper. conditions | -10 ... +50 °C |
| Power | Battery 3.7 V Li-on rechargeable |
| Weight | 450 g (incl. bag) |

Delivery content

Video-Endoscope, 1m long cable, 2 GB SD card, USB cable, carrying case, charger battery, instructions manual

Reference Item

K-PCE-VE 360N Endoscope

Optional accessories

| | |
|-----------------|--------------------------|
| K-SOFT-M-VE-N | Software |
| K-PCE-VE-N-SC1 | Endoscope cable 1m |
| K-PCE-VE-2in1-N | Endoscope cable 2 in 1 |
| K-PCE-VE-N-SC2 | Endoscope cable 2m |
| K-PCE-VE-N-SC10 | Endoscope cable 10m |
| K-PCE-VE-2W1-N | Endoscope cable 2 output |
| K-HT-55-PCE-VE | Endoscope cable support |



Micro VideoScope

Waterproof endoscope (Ø 6 mm)

- IP68 Waterproof camera head
- Camara lens 5 cm / Screen 2.7" LCD
- LED Illumination with 3 brightness levels
- Digital zoom x2 in 10 % increments
- Flexible 1.5 m long probe
- Automatic off after 5 min.



Technical specifications

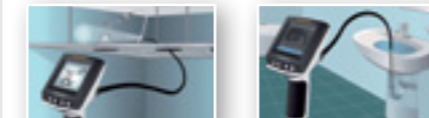
| | |
|-------------------|-----------------------------------|
| Resolution Screen | 320 x 240 pixels |
| Resolution Camara | 640 x 480 pixels |
| Screen | 2.7" LCD |
| Zoom | 2-stage Digitalzoom in 10 % steps |
| Illumination | LED-Illumination, 3-Grade |
| Camara head | Ø 6 mm, Impermeable |
| Zoom | 5 cm |
| Cable | 1.5 m, Impermeable |
| Power | 4 x Batteries AA 1.5 V |
| Dimensions | 180 x 103 x 91 mm |
| Weight | 0.51 kg (incl. batteries) |

Delivery content

Micro VideoScope, batteries, transport bag, instructions

Reference Item

K-Micro VideoScope VideoScope, Dim. 6 mm



VideoFlex G2

Endoscope (Ø 9 mm), cable-L = 10 m

- Waterproof camera head & 10 m cable
- Numerous languages On-Screen
- Camara unit can be changed as per needs
- Webcam function / USB Interface
- Operates with SD cards (up to 8 GB)
- Formatting function for SD cards



Technical specifications

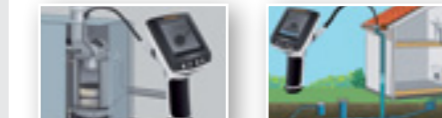
| | |
|-------------------|--|
| Resolution Screen | 320 x 240 pixels |
| Resolution camara | 1.280 x 960 pixels (images) 320 x 240 pixels (videos) |
| Screen | LCD display 3.0" |
| Zoom | x 4, digital, in increments of 10 % |
| Illumination | LED Illumination, 3 levels |
| Camara head | Ø 9 mm, water resistant |
| Zoom | 5 cm |
| Cable | 10 m, water resistant |
| Power | 4 x Batteries AA 1.5 V |
| Dimensions | 180 x 135 x 103 mm |
| Weight | 1.75 kg (incl. batteries, probe) |

Delivery content

Endoscope, carrying case, flex. camara cable 10 m, TopGuide G2, batteries, instructions manual

Reference Item

K-VideoFlex G2 Endoscope VideoFlex G2



PCE-VE 3xxN Series

Videoscope(Ø 5,5 mm / L up to 10 m)

- Cables available in lengths 1 m, 2 m & 10 m
- Images / Photos (stored on device) & videos
- Probe can access difficult to reach areas
- LED light allows dark cavities to be illuminated
- Output video NTSC & PAL



Technical specifications

| | | | |
|-----------------------|-----------------------|--------|--------|
| PCE Model- | VE 320 | VE 330 | VE 340 |
| Cable length | 1 m | 2 m | 10 m |
| Diameter | 5.5 mm | | |
| Radial curvature | 90 mm | | |
| Resolution | 320 x 240 / 640 x 480 | | |
| Im. range / Ang. vis. | 30 per s / 67° | | |
| Visible distance | 15 ... 100 mm | | |
| Screen | TFT 3.5" (8.89 cm) | | |
| Interface. / Memory | USB / SD card 512 MB | | |
| Oper. conditions | -10 ... +50 °C | | |
| Power | Battery 3.7 V Li-on | | |
| Weight | 450 g | | |

Delivery content

Video-Endoscope (as per model), SD card 512 MB, software, USB cable, alum. carrying case, instructions

Reference Item

| | |
|---------------|-----------------------|
| K-PCE-VE 320N | Video-Endoscope 1 m |
| K-PCE-VE 330N | Video-Endoscope, 2 m |
| K-PCE-VE 340N | Video-Endoscope, 10 m |

Optional accessories

| | |
|----------------|-----------------------|
| K-ES-45-VE 300 | Mirror attachment 45° |
|----------------|-----------------------|

PCE-VE 350N

2 way endoscope, industry / manufacture with 2 GB SD card for imag./ videos

- Flexible cable
- Probe diameter 6.0 mm
- Records images / photos & videos
- 2 way optical
- 2 GB memory card
- Carrying case inc.



Technical specifications

| | |
|------------------------|---|
| Flexible cable length | 1,000 mm (with Joystick 2,000 mm) |
| Image sensor | CMOS |
| Resol./ Image sensor | 320 x 240 / 640 x 480 (dynamic / static) |
| Image freq. | 30/s |
| Illumination | Automatic |
| Balance-white | Fixed |
| Field view/Visual ang. | 67° |
| Distance of view | 1.5 ... 10 cm |
| Illumination | 4 LED |
| Cable diameter | 6.0 mm |
| Camara head | Movable in 2 directions |
| Curvature radius | 90 mm |
| Screen | Screen TFT 3.5" |
| Interface | Mini-USB 1.1 & AV out |
| Memory imag. | 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) |
| Oper. conditions | -10 ... +50 °C |
| Power | Battery 3.7 V Li-Ion |
| Weight | 450 g incl. bag |

Delivery content

Video-Endoscope, 2 GB SD card, USB cable, carrying case, charger battery, instructions

| Reference | Item |
|---------------|-----------|
| K-PCE-VE 350N | Endoscope |

Optional accessories

| | |
|-----------------|-------------------------|
| K-SOFT-M-VE-N | Software |
| K-PCE-VE-N-SC1 | Endoscope cable 1 m |
| K-PCE-VE-2in1-N | Endoscope cable 2 in 1 |
| K-PCE-VE-N-SC2 | Endoscope cable 2 m |
| K-PCE-VE-N-SC10 | Endoscope cable 10 m |
| K-PCE-VE-2W1-N | Endoscope cable 2 way |
| K-HT-55-PCE-VE | Endoscope cable support |



C2

UV light endoscope

- TFT 3.5" screen / Data storage on SD card
- Mini-USB Interface
- Camara head with lateral view
- Image & video recording
- 2 white LEDs & 4 UV LEDs



Technical specifications

| | |
|------------------------|--------------------------------|
| Camara head | Camara head lateral view 10 mm |
| Zoom | 2x, 4x (with swing ability) |
| Screen | TFT 3.5" screen |
| Resolution / Screen | 320 x 240 pixels |
| Illumination | Adjustable |
| Illumination | 2 white LEDs |
| Illumination | 4 LED UV |
| Rotatability of images | 90, 180, 270° |
| Memory | SD memory card |
| Interface | Mini-USB |
| Casing protection | Rubber & plastic |
| Dimens. video unit | 10.16 x 20.32 x 5.08 cm |
| Dimens. camara unit | 2.54 x 17.78 x 2.54 cm |

Delivery content

C2 UV Endoscope, instructions manual

| Reference | Item |
|-----------|-----------------|
| K-C2 | C2 UV Endoscope |



PCE-VE 380N

Endosc. with video for pipes insp.

- Camara head only 28 mm Ø / incl. handheld device
- 4 GB SD card (Images & video)
- Impermeable camara head / Casing protec. IP 68
- Bright Illumination (8 LED)
- Cable stretches to 22 m length



Technical specifications

| | |
|----------------------------|-------------------------------|
| Ø & Cable length | 28 mm / 22 m |
| Field depth / vision angle | 10.... mm / 150.8° |
| Illumination | Automatic |
| Image rate | 30/s |
| Interface | Mini-USB 1.1 & AV out |
| Storage options | Image or Video |
| Image format | JPEG (640 x 480 pixels) |
| Video output format | NTSC & PAL |
| Video format | ASF (320 x 240) |
| Memory | 4 GB SD memory card |
| Screen | 3.5" TFT |
| Illumination | 8 LED |
| Oper. conditions | -10 ... +70 °C |
| Power | Rechar. battery 3.7 V Li-Ions |
| Dimens. handheld dev. | 207 x 118 (79 mm) x 37 mm |

Delivery content

Endoscope, cable on reel, centering star, SD storage card, carrying case, instructions manual

| Reference | Item |
|---------------|-----------|
| K-PCE-VE 380N | Endoscope |

VIS 3xx Series

Innovative camara for video inspection with 20 m cable

- Waterproof cod camera with pan and tilt capability (40 mm Ø)
- Maintain orientation from start screen – Camara head aligns automatically
- 4 h of flexibility – Ample battery life with 2 rechargables batteries
- Video & photo recordings stored
- Intergrated localised receiver allows for wireless tracking
- Camera head position indicated on the screen
- 2 GB SD card (Wöhler VIS 350)
- Flexible



L 200 Detector:
For locating the sensor probe in pipes and walls (optional).



Technical specifications

| | |
|--------------------------|--|
| Screen | TFT 7" Screen / 16:9 |
| - Output video | FBAS signal |
| - Power | 2 Batteries 12 V / 4 h duration or mains cable |
| - Dimensions | 176 x 114 x 32 mm |
| - Weight | 400 g |
| Tilting head/ mount | Type: 1/3" COLOR CMOS |
| - Pixels (PAL / NTSC) | 768 x 576 / 656 x 492 |
| - Light sensitivity | 0.5 Lux |
| - Objective | f = 2.3 mm, F = 2.5 |
| - Capture image angle | H 115° |
| - Light source | 12 white LEDs |
| - Protection | Impermeable IP 67 |
| - Dimensions | Ø 40 x 60 mm |
| - Oper. conditions | 0 ... +40 °C, 95 % max r.H. |
| - Oper. conditions stor. | -20 ... +50 °C, 95 % max r.H. |
| - Transmitting frequency | 8.9 kHz |
| Carrying case | Rigid casing / Plastic |
| - Dimensions | 51 x 43 x 17 cm |
| - Weight | 7 kg |
| Length | Rod 20 m (VIS 300) Electronic (VIS 350) |
| Interface | Mini-USB (only in VIS 350) |
| Memory | SD card 2GB |

Delivery content

Videoend., tilting colour camera head & mount, panoramic colour TFT monitor, 2m cable for monitor connection, spare plastic domes, anti-slide mat, NiMH batt., charger, hard case, instructions

| | |
|---------|---|
| VIS 300 | 20 m rod, Ø 6.5 mm |
| VIS 350 | 2 GB SD card, miniUSB cable, digital distance measurer in m |

Reference

| Reference | Item |
|-----------|--------------------------|
| K-VIS 300 | Video camera |
| K-VIS 350 | Video camera with memory |

Optional accessories

| | |
|----------|------------------------------|
| K-3883 I | Guidance set 70 |
| K-7430 J | Detector L 200 |
| K-3847 J | Protoc. sleeve for cam. head |
| K-3681 J | Camera roller guide |
| K-3634 J | Stabilization ball |
| K-3169 J | Car charger |
| K-3854 J | Rod element |
| K-3857 J | Weight guide |
| K-3674 J | Glass dome |
| K-3675 J | Plastic domes 10 units |
| K-6814 J | Anti-glare protection |