

WÖHLER



Wöhler Visual Inspection Systems Catalog

The Measure of Technology

testoon.COM
The measurement website



TABLE OF CONTENTS

| | |
|--|-----------|
| WÖHLER VIS 200 & WÖHLER 250 VISUAL INSPECTION SYSTEMS IN A CASE WITH MINIATURE CAMERA HEAD Ø 26 mm | 4 |
| Product overview | 4 |
| Cameras | 6 |
| Accessories | 7 |
| WÖHLER VIS 300 & WÖHLER 350 VISUAL INSPECTION SYSTEMS IN A CASE WITH PAN AND TILT CAMERA HEAD Ø 40 mm | 8 |
| Product overview | 8 |
| Cameras | 10 |
| Accessories | 11 |
| WÖHLER VIS 350^{PLUS} VISUAL INSPECTION SYSTEM IN A CASE WITH DETACHABLE CAMERA HEADS | 12 |
| Camera | 12 |
| Accessories | 13 |
| WÖHLER VIS 400 VISUAL INSPECTION CAMERA MODULAR SYSTEM | 14 |
| Product overview | 14 |
| Cable Camera & Cable Reel Camera | 16 |
| Push Rod Camera | 17 |
| Accessories | 18 |
| LOCALIZATION | 22 |
| Wöhler L 200 Locator | 22 |
| ENDOSCOPY | 23 |
| Wöhler VE 200 Video-Endoscope | 23 |
| Wöhler VE 300 Video-Endoscope | 24 |
| VISUAL CONTROL | 25 |
| Wöhler Glass Mirrors | 25 |
| Wöhler Chimney Mirrors | 25 |

CLEAR VIEW, WHEN SPACE IS TIGHT.



WÖHLER VIS 200 & WÖHLER VIS 250

VIDEO INSPECTION, DOCUMENTATION, LEVEL INDICATOR AND LOCATOR

Wöhler's innovative VIS 250 Visual Inspection System enables you to easily analyze damages in pipes of Ø 40 mm and larger – and no power outlet required. Compact by design and powered by a rechargeable battery, this complete camera set is supplied in a plastic case. The camera head features a powerful, integrated light to allow you to precisely analyze damages in waste water pipes (at least Ø 40 mm) and inspect downpipes as well as flue gas lines. Absolutely essential to analyze damage quickly!

PRODUCT FEATURES

| Features | Wöhler VIS 200 | Wöhler VIS 250 |
|---------------------------|----------------|----------------|
| Color camera head Ø 26 mm | • | • |
| Digital meter counter | • | • |
| Photo and video record | | • |
| Menu | | • |
| Video settings | | • |
| Transmitter / Probe | • | • |
| Level indicator | | • |

• = included

TECHNICAL DATA

Monitor

| | |
|------------------------|---|
| Dimensions housing | 176 x 114 x 32 mm |
| TFT-display | 7" / 16:9 format |
| Video-Out | RCA signal |
| Weight | 400 g |
| Power supply | Space for 2 rechargeable batteries, each 12 V or via power supply |
| Battery operating time | Max. 2 rechargeable batteries, each 120 mins. = 4 h (battery status in display) |

Miniature camera head, color Ø 26 mm

| | |
|-----------------------|-----------------------------------|
| Type | 1/3" COLOR CMOS |
| Resolution | 420 lines |
| Pixels | 768 x 576 (PAL), 656 x 492 (NTSC) |
| Lens | f = 2,3 mm, F = 2,5 |
| Viewing angle | 130° |
| Light source | 12 white LEDs |
| Degree of protection | Waterproof according to IP 67 |
| Dimensions | Ø 26 mm x 38 mm |
| Weight | 240 g |
| Operation temperature | 0...40 °C, RH 95 % MAX |
| Storage temperature | -20...50 °C, RH 95 % MAX |
| Transmitter frequency | 8.9 kHz |

Push rod

| | |
|----------|--------------|
| Length | 20 m or 30 m |
| Diameter | Ø 6.0 mm |

Distance measurement

| | |
|--------------------|-----------------------|
| Wöhler VIS 200/250 | Digital meter counter |
| Accuracy | ± 5 % |

Plastic case

| | |
|-----------|-----------------------------|
| Dimension | 51 x 43 x 17 cm (L x W x H) |
| Weight | 7 kg |

Memory (Wöhler VIS 250)

| | |
|-----------|---------------------------------------|
| Recording | 4 GB SD card (5 h recording capacity) |
| Interface | Mini USB port |

Locator sender

| | |
|-----------------------|---------|
| Transmitter frequency | 8.9 kHz |
|-----------------------|---------|

Locator receiver

| | |
|-----------------------|---|
| Display | Graphic visualization of transmitted position |
| Headphones | 32 Ohm |
| Power supply | 3.7 V Li-Ion rechargeable battery |
| Operating temperature | 0...40 °C |
| Storage temperature | -10 °C...40 °C |
| Weight | 605 g |
| Dimensions | 32 x 14 x 7 cm (L x W x H) |

FUNCTIONALITY

- CCS-image technology (Cristal Clear Screen)
- Waterproof, light-sensitive camera head with a diameter of just 26 mm easily takes bends
- Save videos on a 4 GB SD card (Wöhler VIS 250)
- Digital Position Indication of the camera head (Wöhler VIS 250)
- Electronic metering displayed on monitor
- Fully equipped mobile solution in a robust, plastic case
- Bright TFT color monitor for razor-sharp images
- Tilttable and removable monitor
- Integrated video output for documentation purposes
- Battery operating time: 2 x 120 min. with 2 rechargeable batteries (optional)
- Data exchange via mini USB cable

WIDE RANGE OF APPLICATIONS

Analyze damage and inspect:

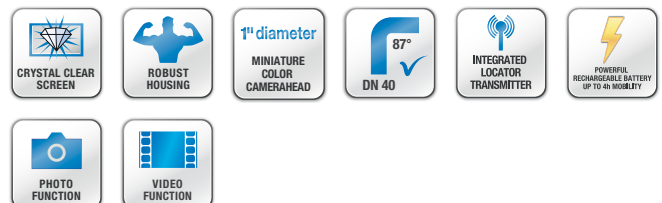
- Waste water pipes of Ø 40 mm and larger
- Ventilation lines of Ø 40 mm and larger
- Inspect hollow spaces; e.g. in front-wall installations
- Flue gas lines up to approx. Ø 125 mm

DOCUMENTATION

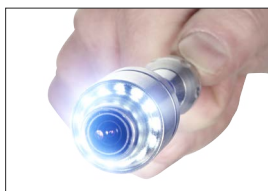
- Simply record and save pictures and videos on a 4 GB SD card (Wöhler VIS 250) for documentation and archiving purposes for you and your customers.
- Video-output

LOCATOR (OPTIONAL WITH WÖHLER L 200)

- Transmitter integrated in camera head makes it possible to precisely locate the camera head
- Pinpoint damages in pipes for repair
- Telescopic holder makes it possible to locate damage under floors or in ceilings
- Chalk holder with chalk to mark located damage immediately
- Powerful rechargeable battery



Wöhler VIS 200 & Wöhler VIS 250 Visual Inspection Systems



1. BASIC SCOPE

2. DISTINCTIVE FEATURES

Basic scope of delivery

Wöhler VIS 200 & Wöhler VIS 250 Visual Inspection Systems

Scope of delivery

Camera

Wöhler color camera head Ø 26 mm

Wöhler TFT monitor 7" with 2 m cable

Push rod Ø 6 mm

Digital meter counter

1 anti-slide-mat

1 NiMH-battery and charger

Plastic case

1. BASIC SCOPE

2. DISTINCTIVE FEATURES

Distinctive features



Features

| | Wöhler VIS 200 | Wöhler VIS 200 | Wöhler VIS 250 | Wöhler VIS 250 |
|------------------------|----------------|----------------|----------------|----------------|
| 20 m push rod | • | | • | |
| 30 m push rod | | • | | • |
| Photo and video record | | | • | • |
| Level indicator | | | • | • |
| Video settings | | | • | • |

Article no.

8992 J

5702 J

8993 J

8994 J

| Accessories | | Article no. |
|---|--|----------------|
|  | Guidance Set 70 for camera head Ø 26mm guidance sleeve with protection cage (art.3847), centering brush (art.3850) | 3883 J |
|  | Wöhler L 200 Locator (Receiver) Wöhler L 200 Locator Receiver, plastic case, USB power supply with micro USB cable, grease crayon (12 pcs. box, yellow), telescopic rod and headphones | 7430 J |
|  | Guidance Sleeve for Wöhler camera head Ø 26 mm | 3827 J |
|  | Guidance Sleeve with protection cage for Wöhler camera head Ø 26 mm | 3847 J |
|  | Guidance Ball for flex part of camera push rod, improves ability to go through bends | 3634 J |
|  | Guidance weight 740 g, stainless steel to let down the camera head (e.g. in a chimney) | 3857 J |
|  | Camera Roller Guide suitable for camera heads and rods | 3681 J |
|  | VIS Spare Brushes for centering brush, 24 pieces | 3858 J |
|  | Battery 12 V NiMh 2600 mAh for Wöhler VIS 2xx / VIS 3xx operation time: 120 min | 4715 J |
|  | Quick Charger for Wöhler VIS 2xx / VIS 3xx / VIS 400 1.5 A / 230 V / 50 H, approx. charge time 1.5 hours, EU plug | 56102 J |
|  | Power Supply for Wöhler VIS 2xx / VIS 3xx / VIS 400 Cameras with 7" displays approx. charge time 3 hours, with adaptors for all countries | 3789 K |
|  | Car charger 18 V for for Wöhler VIS 2xx / VIS 3xx / VIS 400 cameras with 7" displays | 3169 J |
|  | Additional glare protection for Wöhler VIS 2xx / Wöhler VIS 3xx cameras with 7" displays | 6814 J |
|  | Supplementary Light Ring for Wöhler pan&tilt camera head Ø 51 mm for Wöhler pan&tilt camera head Ø 40 mm in combination with guidance weight (art. 3857) incl. battery pack with four AA batteries 1.5 V in cordura bag. | 9377 J |
|  | Wöhler VIS Cleaning Set with plastic case 1 liter disinfection spray, 50 cleaning tissues, 100 disposable gloves size XL (powder free), 200 ml lubricant, plastic case; for approx. 50 applications | 4725 I |

UNIQUELY CLEAR VIEW – 180°/360°.



WÖHLER VIS 300 & WÖHLER VIS 350

VIDEO INSPECTION, DOCUMENTATION, LEVEL INDICATOR, HOME FUNCTION
AND LOCATOR WITH THE WÖHLER VIS 350

Video inspection in a case: With the new Wöhler VIS 350 Visual Inspection System, you not only have everything you need to inspect waste water pipes, flue gas and ventilation lines as well as industrial systems – you can also precisely locate the damage and accurately document the results of the inspection.

PRODUCT FEATURES

| Features | Wöhler VIS 300 | Wöhler VIS 350 |
|--|----------------|----------------|
| Pan and tilt color camera head Ø 40 mm | • | • |
| Digital distance measurement | • | • |
| Photo & video record | | • |
| Menu | | • |
| Video settings | | • |
| Transmitter / Probe | • | • |
| Level indicator | | • |
| Home-function | | • |

• = included

TECHNICAL DATA

Monitor

| | |
|------------------------|---|
| Dimensions housing | 176 x 114 x 32 mm |
| TFT-Display | 7" / 16:9 Format |
| Video-Out | RCA-signal |
| Weight | 400 g |
| Power Supply | Space for 2 rechargeable batteries, each 12 V or via power pack |
| Battery operating time | Max. 2 rechargeable batteries, each 120 mins. = 4 h (battery status in display) |

Pan&tilt Ø 40 mm color camera head

| | |
|-----------------------|-----------------------------------|
| Typ | 1/3" COLOR CMOS |
| Pixels | 768 x 576 (PAL), 656 x 492 (NTSC) |
| Lens | f = 2.3 mm, F = 2.5 |
| Viewing angle | 160° |
| Light source | 12 white LEDs |
| Degree of protection | Waterproof according to IP 67 |
| Dimensions | Ø 40 mm x 60 mm |
| Operating temperature | 0...40 °C, RH 95 % MAX |
| Storage temperature | -20...50 °C, RH 95 % MAX |

Push rod

| | |
|----------|--------------|
| Length | 20 m or 30 m |
| Diameter | 6.5 mm |

Plastic case

| | |
|------------|-----------------------------|
| Dimensions | 51 x 43 x 17 cm (L x W x H) |
| Weight | 8.2 kg |

Distance Measurement

| | |
|----------------------|-----------------------|
| Wöhler VIS 300 / 350 | Digital meter counter |
| Accuracy | ± 5 % |

Memory (Wöhler VIS 350)

| | |
|-----------|---------------------------------------|
| Recording | 4 GB SD card (5 h recording capacity) |
| Interface | Mini USB port |

Locator transmitter

| | |
|------------------------|---------|
| Transmission frequency | 8.9 kHz |
|------------------------|---------|

Locator Receiver

| | |
|-----------------------|---|
| Display | Graphic visualization of transmitted position |
| Output impedance | |
| Headphones | 32 Ohm |
| Power supply | 3.7 V Li-Ion rechargeable battery |
| Operating temperature | 0...40 °C |
| Storage temperature | -10...40 °C |
| Weight | 605 g |
| Dimensions | 32 x 14 x 7 cm (L x W x H) |

FUNCTIONALITY

- CCS-image technology (Cristal Clear Screen)
- Optics pan 360° and tilt 180° – ensure even the smallest damage does not remain hidden from your view
- Save pictures and videos on a 4 GB SD card (Wöhler VIS 350)
- Camera head with integrated transmitter allows location by the Wöhler L 200 Locator
- Digital level and angle of the camera head displayed on the monitor
- Home function automatically aligns the camera head to a straight forward position – autolevel (Wöhler VIS 350)
- Brightly illuminating color camera head, 60 mm in length and 40 mm in diameter, easily negotiates tight bends
- Electronic meter counter displayed on the monitor
- Bright TFT color monitor (tiltable and removable) supplies razor sharp images
- Battery operating time: 2 x 120 min. with 2 rechargeable batteries (optional)
- Fully equipped portable solution in a robust plastic case

WIDE RANGE OF APPLICATIONS

Analyze damage and inspect:

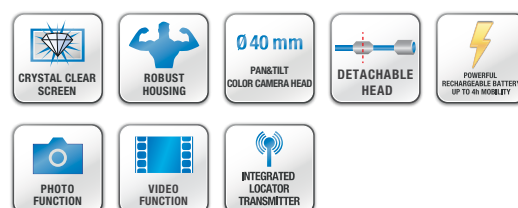
- Waste water lines of Ø 70 mm and larger
- House connections up to Ø 200 mm
- Flue gas systems of Ø 60 mm and larger
- Ductwork
- False ceilings, hollow spaces, shafts

DOCUMENTATION

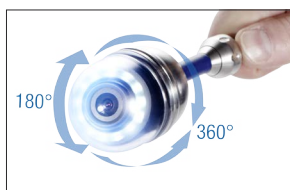
- Simply record and save pictures and videos on a 4 GB SD card (Wöhler VIS 350) for documentation and archiving purposes for you and your customers.

LOCATOR (OPTIONAL WITH WÖHLER L 200)

- Transmitter integrated in camera head makes it possible to precisely locate the camera head
- Pinpoint damages in pipes for repair
- Telescopic holder makes it possible to locate damage under floors or in ceilings
- Chalk holder with chalk to mark located damage immediately
- Powerful rechargeable battery



Wöhler VIS 300 & Wöhler VIS 350 Visual Inspection Systems



1. BASIC SCOPE

2. DISTINCTIVE FEATURES

Basic scope of delivery

Wöhler VIS 300 & Wöhler VIS 350 Visual Inspection System

Scope of delivery

Camera

Digital distance measurement

Pan and tilt color camera head Ø 40 mm

Wöhler TFT-monitor 7" with 2 m cable

Push rod 6,5 mm Ø

5 replacement plastic domes

1 anti-slide-mat

1 NiMH-battery and charger

Plastic case

1. BASIC SCOPE

2. DISTINCTIVE FEATURES

Distinctive features



| Features | Wöhler VIS 300 | Wöhler VIS 300 | Wöhler VIS 350 | Wöhler VIS 350 |
|------------------------------|----------------|----------------|----------------|----------------|
| 20 m push rod | • | | • | |
| 30 m push rod | | • | | • |
| Picture and Video recording | | | • | • |
| Level indicator | | | • | • |
| Video settings | | | • | • |
| Home function | | | • | • |
| 2 nd NiMH battery | | | • | • |

| Article no. | 8788 J | 8789 J | 8794 J | 8792 J |
|-------------|--------|--------|--------|--------|
|-------------|--------|--------|--------|--------|

| Accessories | | Article no. |
|---|--|----------------|
|  | Guidance Set 100 for Wöhler camera head Ø 40 mm protection sleeve with cut-out (art. 2641) , roller guide (art.3681) and centering brush (art.3854) | 4240 J |
|  | Wöhler VIS Camera Trolley Wöhler VIS Camera Trolley, Camerahead-holder, Storage bag Wöhler VIS Camera Trolley, For inspection of pipes > 150 mm | 4705 J |
|  | Wöhler L 200 Locator (Receiver) Wöhler L 200 Locator Receiver, plastic case, USB power supply with micro USB cable, grease crayon (12 pcs. box, yellow), telescopic rod and headphones | 7430 J |
|  | Protection Sleeve for Wöhler camera head Ø 40 mm with cut-out | 2641 J |
|  | Camera Roller Guide suitable for Wöhler camera heads and rods | 3681 J |
|  | Glass Dome for Wöhler camera head Ø 40 mm | 3674 J |
|  | Replacement Plastic Domes (10 pcs.) for Wöhler camera head Ø 40 mm | 3675 J |
|  | VIS Spare Brushes for centering brush, 24 pieces | 3858 J |
|  | Wöhler guidance weight 740 g, stainless steel to let down the camera head (e.g. in a chimney). | 3857 J |
|  | Guidance Ball for flex part of camera push rod, improves ability to go through bends | 3634 J |
|  | Wöhler Supplementary Light Ring for Ø 51 mm pan&tilt camera head for Ø 26 mm camera head + Ø 40 mm pan&tilt camera head in combination with guidance weight (art. 3857), incl. battery pack with four AA batteries 1.5 V in cordura bag. | 9377 J |
|  | Battery 12 V NiMH 2600 mAh for Wöhler VIS 2xx / VIS 3xx operation time: 120 min | 4715 J |
|  | Quick Charger for Wöhler VIS 2xx / VIS 3xx 1.5 A / 230 V / 50 H , approx. charge time 1.5 hours, EU plug | 56102 J |
|  | Power Supply Wöhler VIS 2xx / VIS 3xx / VIS 400 cameras with 7" displays approx. charge time 3 hours, with adaptors for all countries | 3789 K |
|  | Car charger 18 V for for Wöhler VIS 2xx / VIS 3xx / VIS 400 for all Wöhler VIS cameras with 7" displays | 3169 J |
|  | Wöhler VIS Cleaning Set with plastic case 1 liter disinfection spray, 50 cleaning tissues, 100 disposable gloves size XL (powder free), 200 ml lubricant, plastic case; for approx. 50 applications | 4725 I |
|  | Additional glare protection for Wöhler VIS2xx / VIS3xx monitors 7" | 6814 J |

Wöhler VIS 350^{PLUS} Visual Inspection System



1. BASIC SCOPE

2. DISTINCTIVE FEATURES

Basic scope of delivery

Wöhler VIS 350^{PLUS} Visual Inspection System Detachable camera head

Scope of delivery

- Camera
- Digital meter counter
- Pan and tilt color camera head Ø 40 mm
- Wöhler TFT monitor 7" with 2 m cable
- SD memory card 4 GB for recording of pictures and videos
- Mini USB cable
- 30 m push rod, Ø 6.5 mm
- 5 replacement plastic domes
- 1 anti-slide-mat
- 2 NiMH batteries and charger
- Plastic case

1. BASIC SCOPE

2. DISTINCTIVE FEATURES

Distinctive features



Wöhler VIS 350^{PLUS}



Wöhler VIS 350^{PLUS}

Features

| | | |
|----------------------------------|---|---|
| Picture and video recording | • | • |
| Level indicator | • | • |
| Video settings | • | • |
| Home function | • | • |
| Ø 40 mm camera head (detachable) | • | • |
| Ø 26 mm camera head (detachable) | | • |

Article no.

8991 J

8955 J

| Accessories | | Article no. |
|---|---|---------------|
|  | Guidance Set 100 for Wöhler camera head Ø 40 mm protection sleeve with cut-out (art. 2641) , roller guide (art. 3681) and centering brush (art.3854) | 4240 J |
|  | Wöhler VIS Camera Trolley Set Wöhler VIS Camera Trolley, camerahead-holder, storage bag, stabilization sleeve for light ring 26/40 or camera head Ø 51 mm, stabilization sleeve for adaptation of push rods with threaded connection M10 | 4753 J |
|  | Guidance Set 70 for Wöhler mini camera head Ø 26 mm guidance sleeve with protection cage (art. 3847), centering brush (art. 3850) | 3883 J |
|  | Guidance Sleeve for Wöhler mini camera head Ø 26 mm | 3827 J |
|  | Guidance Sleeve with protection cage for Wöhler mini camera head Ø 26 mm | 3847 J |
|  | Guidance Ball for flex part of camera push rod, improves ability to go through bends | 3634 J |
|  | Wöhler L 200 Locator (Receiver) Wöhler L 200 Locator Receiver, plastic case, USB power supply with micro USB cable, grease crayon (12 pcs. box, yellow), telescopic rod and headphones | 7430 J |
|  | Protection Sleeve for Wöhler camera head Ø 40 mm with cut-out | 2641 J |
|  | Camera Roller Guide suitable for Wöhler camera heads and rods | 3681 J |
|  | Glass Dome for Wöhler camera head Ø 40 mm | 3674 J |
|  | Replacement Plastic Domes (10 pcs.) for Wöhler camera head Ø 40mm | 3675 J |
|  | VIS Spare Brushes for centering brush, 24 pieces | 3858 J |
|  | Guidance weight 740 g, stainless steel to let down the camera head (e.g. in a chimney) | 3857 J |
|  | Relining Adapter for Wöhler VIS 3xx (only detachable version) and VIS 400 for reverse view | 6888 J |
|  | Light Ring 26/40, detachable for detachable Wöhler camera heads Ø 26 mm and Ø 40 mm Light ring with 18 white LEDs 53 mm outer Ø | 8894 J |
|  | Battery 12 V NiMh 2600 mAh for Wöhler VIS 2xx / VIS 3xx operation time: 120 min | 4715 J |
|  | Power Supply for Wöhler VIS 2xx / VIS 3xx / VIS 400 Cameras with 7" displays approx. charge time 3 hours, with adaptors for all countries | 3789 K |
|  | Wöhler VIS Cleaning Set with plastic case 1 liter disinfection spray, 50 cleaning tissues, 100 disposable gloves size XL (powder free), 200 ml lubricant, plastic case; for approx. 50 applications | 4725 I |

MODULAR POINT OF VIEW.



WÖHLER VIS 400

PROFESSIONAL MODULAR VISUAL INSPECTION SYSTEM

The carry strap around your neck and the monitor in front of your chest, one hand guides the pushrod and the other precisely controls the camera head. It is that easy to work with the Wöhler VIS 400 video inspection system. The modular design allows combining the monitor with different camera heads, pushrods or soft cables. The Wöhler VIS 400 is the most versatile camera system: Depending on your application you can build your tailored video inspection system. Recording of still images, videos and voice support you to report your inspections properly. Meter counting, home function, level indication and sonde for radio location are all standard with the most advanced Wöhler VIS 400 video inspection system.

TECHNICAL DATA**Monitor**

| | |
|--|---|
| TFT-display | 7" / 16:9 Format |
| Video out | RCA-Signal |
| Power Supply | 12 V NiMH rechargeable battery, 2,000 mAh |
| Battery operating time | 2 h (battery status in display) |
| Distance measurement | Digital meter counter in conjunction with the camera viper and cable reel |
| Storage | 4 GB SD-card (2.5 h recording capacity) |
| Interface | Mini USB port |
| Operating temperature | 0...40 °C |
| Storage temperature | -20 °C...50 °C |
| Dimensions housing without pouch | 199 x 196 x 40 mm |
| Dimensions housing with pouch | 210 x 210 x 60 mm |
| Weight | Without pouch 1200 g; with pouch 1700 g |
| Connection, stand | Standard |

CAMERA HEADS

The modular system Wöhler VIS 400 can be combined with different camera heads:



Wöhler
Pan and tilt camera head
Ø 40
detachable
compatible with
Wöhler L 200 Locator



Wöhler
Miniature camera head
Ø 26
detachable
compatible with
Wöhler L 200 Locator

**FEATURES**

- Wöhler pan and tilt camera head
- Electronic meter counter
- Picture-, video- and voice record
- Video settings
- Transmitter
- Level- and angle display
- Home function
- Detachable camera head

FUNCTIONALITY

- CCS-image technology (Cristal Clear Screen)
- Modular system – all components can be combined for individual needs
- Pan and tilt color camera heads with integrated power lighting easily negotiate bends in the line
- Digital meter counter displayed on the monitor
- Mini USB port for data transfer
- Waterproof camera heads
- Incl. carrying belt and protection bag for monitor

WIDE RANGE OF APPLICATIONS

Analyze damage and visually inspect:

- Flue gas systems
- Building drains, house connections
- Chimneys
- Ductwork

DOCUMENTATION

- Integrated video output – simply record and save pictures, videos and voice on a 4 GB SD card for documentation and archiving purposes for you and your customers.

LOCATOR (OPTIONAL WITH WÖHLER L 200)

- Transmitter integrated in camera head makes it possible to precisely locate the camera head
- Pinpoint damages in pipes for repair
- Telescopic holder makes it possible to locate damages under floors or in ceilings
- Chalk holder with chalk to mark located damage immediately
- Powerful LI-ION rechargeable battery

Wöhler VIS 400 Cable Camera & Wöhler VIS 400 Cable Reel Camera



(Wöhler VIS 400 Cable Camera)



(Wöhler VIS 400 Cable Reel Camera)



1. BASIC SCOPE

2. DISTINCTIVE FEATURES

Basic scope of delivery

Wöhler VIS 400 Cable Camera & Wöhler VIS 400 Cable Reel Camera

Scope of delivery

- Wöhler VIS 400 color TFT monitor 7" with 4 GB SD card and power supply
- Protection bag with glare protector and shoulder belt
- Pan & tilt camera head Ø 40 mm
- Light ring for Ø 40 mm head
- Camera cable
- Power supply
- Plastic case

1. BASIC SCOPE

2. DISTINCTIVE FEATURES

Distinctive features



Wöhler VIS 400 Cable Camera



Wöhler VIS 400 Cable Camera



Wöhler VIS 400 Cable Camera



Wöhler VIS 400 Cable Reel Camera

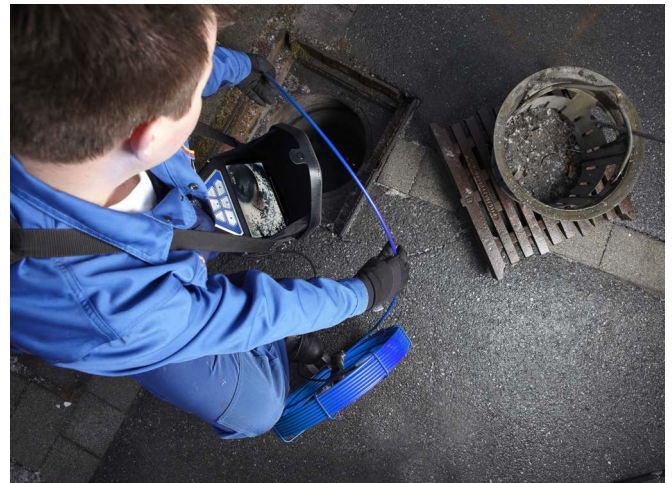


Wöhler VIS 400 Cable Reel Camera

| Features | Wöhler VIS 400 Cable Camera | Wöhler VIS 400 Cable Camera | Wöhler VIS 400 Cable Camera | Wöhler VIS 400 Cable Reel Camera | Wöhler VIS 400 Cable Reel Camera |
|-------------------|-----------------------------|-----------------------------|-----------------------------|----------------------------------|----------------------------------|
| Cable | • | • | • | | |
| Cable reel | | | | • | • |
| 20 m camera cable | • | | | • | |
| 30 m camera cable | | • | | | • |
| 50 m camera cable | | | • | | |
| XXL Alu case | | | | • | • |

| Article no. | 4442 J | 4454 J | 4456 J | 4453 J | 4462 J |
|-------------|--------|--------|--------|--------|--------|
|-------------|--------|--------|--------|--------|--------|

Wöhler VIS 400 Push Rod Camera



1. BASIC SCOPE

2. DISTINCTIVE FEATURES

Basic scope of delivery

Wöhler VIS 400 Push Rod Camera

Scope of delivery

Wöhler VIS 400 color TFT monitor 7" with 4 GB SD card and power supply

Protection bag with glare protector and shoulder belt

Pan & tilt camera head Ø 40 mm

Light ring for Ø 40 mm head

10 replacement plastic domes

Roller guide

Camera head protection cage with cut-out

Viper with push rod

Plastic case

XXL Alu case

1. BASIC SCOPE

2. DISTINCTIVE FEATURES

Distinctive features



Features

Ø 6.5 mm push rod (blue)

Ø 7 mm push rod (red)

20 m push rod

30 m push rod

Ø 26 mm miniature camera head

Wöhler VIS 400
Push Rod Camera

Wöhler VIS 400
Push Rod Camera

Wöhler VIS 400
Push Rod Camera

Wöhler VIS 400
Push Rod Camera

Wöhler VIS 400
Push Rod Camera

Article no.
















4754 J








4755 J














4758 J

















4759 J

4760 J

| Monitor | | Article no. |
|---|--|-------------|
|  | <p>Wöhler VIS 400 Color Monitor EN</p> <p>Wöhler VIS 400 color monitor, protective bag with glare shield and shoulder belt, Mini-USB-cable, 4 GB SD-Card, power supply and plastic case</p> | 4781 J |
| Wöhler VIS Camera Heads | | Article no. |
|  | <p>Wöhler Camera Head Ø 26 mm detachable</p> <p>flexible connection to the camera rod, with leather protection case</p> | 8920 J |
|  | <p>Wöhler Camera Head Ø 40 mm detachable, pan and tilt</p> <p>flexible connection to camera rod, with leather protection bag</p> | 8930 J |
|  | <p>Wöhler Camera Head Ø 51 mm b/w detachable, pan & tilt</p> <p>flexible connection to camera rod, with leather protection case</p> | 7801 J |
|  | <p>Wöhler Camera Head Ø 51 mm detachable, pan & tilt</p> <p>flexible connection to camera rod, with leather protection case</p> | 7806 J |
| Domes for Wöhler VIS Camera Heads | | Article no. |
|  | <p>Replacement Plastic Domes (10 pcs.) for Wöhler camera head Ø 40 mm</p> | 3675 J |
|  | <p>Glass Dome for Wöhler camera head Ø 40 mm</p> | 3674 J |
|  | <p>Glass Dome for Wöhler camera head Ø 51 mm</p> | 7802 K |
|  | <p>Glass Dome with protection cage for Wöhler camera head Ø 51 mm</p> | 3494 K |
|  | <p>Plastic domes (5 pieces) for Wöhler camera head Ø 51 mm</p> | 7075 K |
| Protection Sleeves | | Article no. |
|  | <p>Protection Sleeve for Wöhler camera head Ø 40 mm with cut-out</p> | 2641 J |
|  | <p>Guidance Sleeve for Wöhler mini camera head Ø 26 mm</p> | 3827 J |
|  | <p>Guidance Sleeve with protection cage for Wöhler mini camera head Ø 26 mm</p> | 3847 J |
| Telescope | | Article no. |
|  | <p>Wöhler Telescopic Tube 1.6m with flexible gooseneck</p> <p>for all camera heads, length of the telescopic tube 0.9-1.6 m plus gooseneck 0.3 m</p> | 7005 O |
|  | <p>Wöhler Telescopic Tube 3.4m with flexible gooseneck</p> <p>for all camera heads, length of the telescopic tube 0.9-3.4 m plus gooseneck 0.3 m</p> | 7024 J |

| Cable Reel | | Article no. |
|--|--|---------------|
|  | Cable Reel with digital meter counter | |
| | 20 m camera cable | 6310 J |
| | 30 m camera cable | 4166 J |
|  | Wöhler VIS 400 Camera Cable with metric marking | |
| | 10 m, extension cable | 8636 J |
| | 20 m | 9172 J |
| | 30 m | 7812 J |
| | 30 m, extension cable | 8048 J |
| | 50 m, without metric marking | 7845 J |
| Camera Vipers | | Article no. |
|  | Wöhler Camera Viper with digital meter counter, belt holder and stand | |
| | with push rod 20 m, Ø 6 mm | 7308 J |
| | with push rod 30 m, Ø 6 mm | 7336 J |
|  | Wöhler Camera Viper with digital meter counter, belt holder and stand | |
| | with push rod 20 m, Ø 6.5 mm | 7302 J |
| | with push rod 30 m, Ø 6.5 mm | 7301 J |
|  | Wöhler Camera Viper with digital meter counter, belt holder and stand | |
| | with push rod 20 m, Ø 7 mm | 7309 J |
| | with push rod 30 m, Ø 7 mm | 7307 J |
| Accessories | | Article no. |
|  | Lowering aid for camera cable & ropes extendable from 22 - 40 cm | 5706 I |
| | Power Supply for Wöhler VIS 2xx / VIS 3xx / VIS 400 cameras with 7" displays approx. charge time 3 hours, with adaptors for all countries | 3789 K |
|  | Car charger 18 V for for Wöhler VIS 2xx / VIS 3xx / VIS 400 cameras with 7" displays | 3169 J |

| Components for Wöhler VIS Camera Heads Ø 26 mm | | Article no. |
|---|--|-------------|
|  | Guidance Set 70 for Wöhler camera head Ø 26 mm guidance sleeve with protection cage (art.3847), centering brush (art.3850) | 3883 J |
|  | Guidance Sleeve for Wöhler mini camera head Ø 26 mm | 3827 J |
|  | Guidance Sleeve with protection cage for Wöhler mini camera head Ø 26 mm | 3847 J |
|  | Wöhler Light Ring 26/40, detachable for detachable Wöhler camera heads Ø 26 and Ø 40 mm Light ring with 18 white LEDs, 53 mm outer Ø | 8894 J |
| Components for Wöhler VIS Camera Heads Ø 40 mm | | Article no. |
|  | Guidance Set 100 for Wöhler camera head Ø 40 mm protection sleeve with cut-out (art. 2641) , roller guide (art.3681) and centering brush (art.3854) | 4240 J |
|  | Protection Sleeve for Wöhler camera head Ø 40 mm with cut-out | 2641 J |
|  | Wöhler Light Ring 26/40, detachable for detachable Wöhler camera heads Ø 26 and Ø 40 mm Light ring with 18 white LEDs 53 mm outer Ø | 8894 J |
|  | Relining Adapter for Wöhler VIS 3xx (only detachable version) and VIS 400 for reverse view | 6888 J |
| Components for Wöhler VIS Camera Heads Ø 51 mm | | Article no. |
|  | Guidance Set 110 for Wöhler camera head Ø 51 mm camera roller guide with protection cage (art.7826) and stabilization sleeve (art.3590) | 3881 J |
|  | Guidance Set 150 for Wöhler camera head Ø 51 mm Ø 20 cm guidance brush with protection cage (art. 3855), stabilization tube (art.21736), centering brush (art.3854) and centering brush extension (art. 3853) | 3882 J |
|  | Camera protection with brushes for Wöhler pan&tilt camera head Ø 51 mm with protection cage and 20 cm Ø brushes for centering | 3855 J |
|  | Camera roller guide with protection cage for Wöhler pan&tilt camera head Ø 51 mm | 7826 J |
|  | Wöhler Supplementary Light for Wöhler Camera Head Ø 51 mm detachable | 4194 J |

| Components for all Wöhler VIS Camera Heads | | Article no. |
|---|--|----------------|
|  | Wöhler L 200 Locator (Receiver) Wöhler L 200 Locator Receiver, plastic case, USB power supply with micro USB cable, grease crayon (12 pcs. box, yellow), telescopic rod and headphones | 7430 J |
|  | Wöhler VIS Camera Trolley Set Wöhler VIS Camera Trolley, Camerahead-holder, Storage bag, Stabilization sleeve for light ring 26/40 or Wöhler camera head Ø 51 mm, Stabilization sleeve for adaptation of push rods with threaded connection M10 | 4753 J |
|  | Camera Spring Guide for camera cables prevents the camera head from turning and swinging inside the chimney | 7092 J |
|  | Camera holder for reverse view for Wöhler VIS 3xx (only detachable version) and VIS 400 | 3720 J |
|  | Stabilization Sleeve for Ø 51 mm camera head, for Wöhler camera heads Ø 40 mm in combination with light ring (detachable). To stabilize the connection between camera push rod and camera head. | 3590 J |
|  | Stabilization Sleeve with M10 thread for connecting push rods for Wöhler camera head Ø 51 mm, for Wöhler camera head Ø 40 mm in combination with light ring (detachable), To stabilize the connection between camera push rod and camera head | 3591 J |
|  | Guidance weight 740 g, stainless steel to let down the camera head (e.g. in a chimney). | 3857 J |
|  | Supplementary Light Ring for Wöhler pan&tilt camera head Ø 51 mm, for Wöhler camera head Ø 26 mm and Wöhler pan&tilt camera head Ø 40 mm in combination with guidance weight (art. 3857) incl. battery pack with four AA batteries 1.5 V in cordura bag. | 9377 J |
|  | Guidance Ball for flex part of camera push rod, improves ability to go through bends | 3634 J |
|  | VIS Centering Brush Ø 20 cm for all camera rods, can be fixed directly behind the camera head | 3850 J |
|  | Centering Brush Ø 20 cm for all camera rods, can be fixed at any position of the camera rod | 3854 J |
|  | Centering Brush Extension Ø 20 cm for Wöhler VIS 2xx and for Wöhler VIS 3xx / Wöhler VIS 400 (detachable versions) to extend centering brush art. 3854 | 3853 J |
|  | Stabilization Tube for Wöhler VIS 2xx and for Wöhler VIS 3xx / Wöhler VIS 400 (detachable versions) to connect centering brush (art. 3854) & extension (art. 3853) | 21736 J |
|  | VIS Spare Brushes for centering brush, 24 pieces | 3858 J |
| Cleaning Sets | | Article no. |
|  | Wöhler VIS Cleaning Set with plastic case 1 liter disinfection spray, 50 cleaning tissues, 100 disposable gloves size XL (powder free), 200 ml lubricant, plastic case; for approx. 50 applications | 4725 I |
|  | Wöhler VIS Cleaning Set Refill 1 liter disinfection spray, 50 cleaning tissues, 100 disposable gloves size XL (powder free), 200 ml lubricant, in plastic bag, for approx. 50 applications. | 4726 O |

Wöhler L 200 Locator



TECHNICAL DATA

Locator receiver

Display Graphic visualisation of the position of the camera head

Output impedance

Headphones Typ. 32 Ohm
 Power Supply 3.7 V Li-Ion Akku
 Operating Temperature 0...40 °C
 Storage Temperature -10 °C...+40 °C
 Weight 605 g
 Size 31 x 14 x 7 cm (L x W x H)

APPLICATION

The Wöhler L 200 Locator makes it possible to locate the Wöhler VIS Camera heads Ø 26 mm / Ø 40 mm wirelessly. The location of the camera head is indicated on the display screen as well as by an audible signal.

ADVANTAGES

- Locates radio signals transmitted by the camera head – rapidly pinpoints damages
- Easy to handle – user guided via display throughout the locating process
- Bright, easy-to-read color display
- Telescopic pole – easily track down damage anywhere
- Chalk holder – for chalk to mark the position where damage is found



Wöhler L 200 Locator (Receiver)

Scope of delivery

Wöhler L 200 Locator Receiver

Plastic case

USB power supply with micro USB cable

Grease crayon (12 pcs. box, yellow)

Telescopic rod and headphones

Article-no. 7430 J

Wöhler VE 200 Video-Endoscope



reddot award 2015
honourable mention

TECHNICAL DATA

Signal transmission

WLAN
Netzwerk Standard IEEE 802.11 b/g/n
Antenna Integrated IPEX Antenna
Frequency 2.4 GHz
Data transmission rate
wireless card with
bei 802.11 a/b/g/n up to 150 Mbit/s

Endoscope-probe

Camera Head Ø 8.5 mm or Ø 5.5 mm
Image Resolution 2.0 Megapixel
Focus 60 mm ... 100 mm
Video Resolution 800 x 600 Pixel
1024 x 768 Pixel
1280 x 720 Pixel
Angle of view 60°
Probe length 1.2 m

File formats

Image formatjpg
Video formatavi

Light source 6 adjustable LEDs

Additional light source 1 Watt LED

Power Supply 4 AA batteries



APPLICATION

- For inspection of inaccessible cavities from 20 mm in diameter (for example: roof insulation, exhaust pipes, sinks, fireplaces)
- Transfer of pictures and video data via wireless (WiFi) to laptop, tablet PC or Smartphone

ADVANTAGES

- Snapshot and Video Functions
- Direct forwarding of data - no further data transmission necessary
- Image display via wireless at all
- Compatible devices (such as net-books, Smartphone, tablet)
- 1.2 m gooseneck
- Video Recording



Wöhler VE 200 Video-Endoscope

Scope of delivery

Wöhler VE 200 Video-Endoscope with 1.2 m probe

4x AA batteries

Probe accessories: side view mirror, magnet, hook

Plastic case

(The VE 200 is not compatible with Windows Phone)

Article-no. 7792 I

Wöhler VE 300 Video-Endoscope



APPLICATION

- For inspection of inaccessible cavities (e.g. of roof insulations, exhaust pipes, sinks, fireplaces) with 8.5 mm dia probe and openings and fire dampers

ADVANTAGES

- Large 3.5"-Color-display
- Zoom-function
- Additional light on the unit with 4 LEDs for illuminating cavities
- 1.0 m gooseneck
- Picture- and video recording

TECHNICAL DATA

Monitor

| | |
|-----------------------------|---|
| Dimensions housing | 3.5 inch |
| Monitor resolution | 320 x 240 Pixel |
| Menu languages | English, German, Spanish, French, Russian, Italian, Dutch |
| Ports | AV-Out, Micro-USB-Port, Micro-SD-Card slot |
| Additional lamp on the unit | 4 LEDs |

Endoscope probe

| | |
|---------------------------------|---|
| Camera head | Ø 8.2 mm (optional Ø 5.5 mm) |
| Camera head resolution | 0.3 Megapixel |
| Depth of Field | 60...80 mm |
| Viewing angle | 60° |
| Flash light | Ø 8.2 mm: 6 adjustable LEDs Ø 5.5 mm: 4 adjustable LEDs (optional) |
| IP protection class camera head | IP 67 |
| Probe length | 1.0 m |

Recording formats

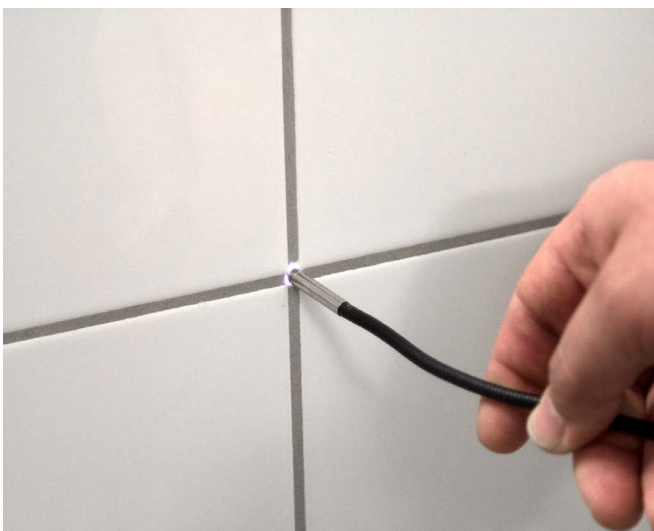
| | |
|------------------|---|
| Image files | JPG |
| Image resolution | 640 x 480 Pixel, 1600 x 1200 Pixel, 2048 x 1536 Pixel |
| Video file | AVI |
| Video resolution | 320 x 240 Pixel, 640 x 480 Pixel, 1280 x 720 Pixel |

Working temperature 0°...45 °C

Power Supply 2600 mAh Lithium battery

Max. battery life 5 to 6 hours

Weight 347.5 g



Wöhler VE 300 Video-Endoscope

Scope of delivery

| |
|---|
| Wöhler VE 300 Video-Endoscope |
| Probe Ø 8.5 mm, 1.0 m long |
| Li-Ionen rechargeable battery |
| Probe accessories: side view mirror, magnet, hook |
| Plastic case |
| 8 GB Micro-SD card |
| USB charger |
| USB card adaptor |
| Video cable (RCA) |

Article-no. 8592 I

Wöhler Glass Mirror



APPLICATION

- Inspection of objects hard to reach
- Inspection of chimneys
- Building inspection

ADVANTAGES

- Best view with glass mirror plates
- Pan and tilt
- Aluminium frame for protection
- Easy to replace
- Telescopic handle, extendable from 15 to 100 cm

Wöhler Glass Mirror small with telescopic handle

Scope of delivery

Mirror plate 2.6 x 7 cm

Telescopic handle up to 1 m extendable

Ball joint (pan and tilt)

Aluminium edge protector

Leather cover

Article-no. 8064 0

Wöhler Glass Mirror medium with telescopic handle

Scope of delivery

Mirror plate 5 x 8 cm

Telescopic handle up to 1 m extendable

Ball joint (pan and tilt)

Aluminium edge protector

Leather cover

Article-no. 8059 0

Wöhler Glass Mirror large with telescopic handle

Scope of delivery

Mirror plate 8 x 15 cm

Telescopic handle up to 1 m extendable

Ball joint (pan and tilt)

Aluminium edge protector

Leather cover

Article-no. 8087 0

Wöhler Glass Hand Mirror

Scope of delivery

Wöhler Glass Hand Mirror 5 x 8 cm

Leather cover

Article-no. 5064 0

Wöhler Metal Chimney Mirror



Wöhler Chimney Mirror small

Scope of delivery

Wöhler Chimney Mirror - metal mirror plate
6.8 x 10 cm

Leather cover

Article-no. 1015 0

APPLICATION

- Inspection of objects hard to reach
- Inspection of chimneys

ADVANTAGES

- Chromed and polished
- Tilttable handle

Wöhler Chimney Mirror small

Scope of delivery

Wöhler Chimney Mirror - metal mirror plate
6.8 x 10 cm

Leather cover

Telescopic handle 54 cm

Article-no. 1748 0

WÖHLER



testoon.COM

The measurement website

99, rue Beranger
92320 Chatillon - France
Tel : +33 (0)1 71 16 17 00
Fax : +33 (0)1 71 16 17 03

www.testoon.com