# INNOVATIVE TECHNOLOGY THAT WILL GROW YOUR BUSINESS

## Wohler VIS 700 HD Inspection System

High definition images for reliable results

*The Measure of Technology*

Made in Germany

# Wohler VIS 700 HD Inspection System

## The new digital Wohler camera generation

The Wohler VIS 700 offers exactly what professionals have been waiting for: razor sharp high definition images, an adjustable focus for precise inspection, and wireless locating with adjustable frequency; 512 Hz / 8.9 kHz / 9.2 kHz. The Wohler VIS 700 is the ideal inspection camera for waste water pipes, flue gas lines and ventilation ducts as well as NDT and plumbing applications.

A new digital high-resolution sensor assures amazingly sharp images. With the Wohler VIS 700, professionals are able to plan their maintenance services on the basis of clearly visible facts. The displayed level indication ensures you to keep orientation in the pipe. The camera display shows the camera head position and angle for ease of navigation. The home function allows you to realign the camera head straight forward when needed.

HD images are displayed for you on the brilliant, touch screen high-resolution monitor. The Wohler VIS 700 is designed for the future with the ability of camera control and video transmission via app. You can also save all footage on an SD Card for reviewing at a later time.

The easily adjustable focus ensures a crystal clear image, no matter how large the pipe is. Additional settings and extras, such as the touch screen keyboard, are accessable by tapping the touchscreen monitor.

| HD | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **TOUCH SCREEN** | **VOICE RECORDING** | **VIDEO FUNCTION** | **PHOTO FUNCTION** | **HOME FUNCTION** | **EASY TO CLEAN** | **LOCATOR TRANSMITTER** | **WIRELESS LAN TRANSMISSION** | **POWER UP TO 4h** | **VIS 700 APP** |

- ‣ High Definition image quality
- ‣ 1.5" HD detachable waterproof pan- and tilt color camera head (IP 67)
- ‣ Optional 1" HD detachable waterproof miniature color camera head (IP 68)
- ‣ 7" HD color touchscreen with adjustable focus via joystick / touch screen
- ‣ Built-in radio transmitter with adjustable locator frequency: 512 Hz / 8.9 kHz / 9.2 kHz
- ‣ Position and level display for orientation during inspections
- ‣ On screen keyboard for typing comments / descriptions to photos
- ‣ Convenient option for remote control of the camera head and video streaming via free Wohler App


Razor sharp pictures in HD-quality, clear menu and comfortable to hold.


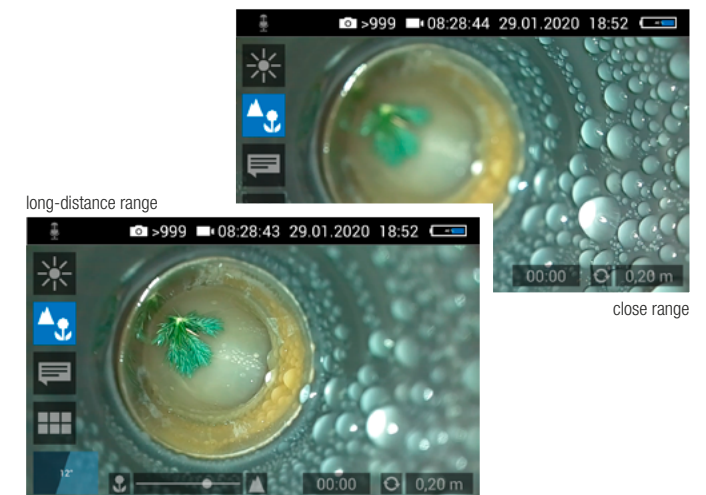Precise location of the camera head with the Wohler L 200 Locator.


Secure drain inspection with the waterproof camera head.


Inspection of flue gas lines from 2": easily negotiates tight bends of 87°.


Fast cleaning for lasting hygiene: Wash the case and the push rod with water.


long-distance range

close range

The adjustable focus makes it possible to precisely control the depth of focus.

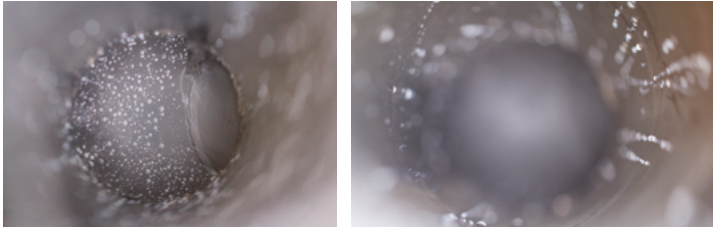# Overview of functions

### HD Video Inspection
Digital pictures and a high resolution monitor provide an absolutely clear image.

### Flexible Operation
The monitor can be fixed to the case in two different positions. The screen can be operated by touch or by joystick. The monitor is tiltable and removable.

### Individual Control of Sharpness
The motor driven focus can be adjusted by touchscreen, joystick or app.

far range                    close range

### Comments & Voice Notes
A comments function allows you to add descriptions to captured photos. It is also possible to add voice notes to video footage.

### Position and angle display
The digital distance counter and angle display always lets you know in which position the camera head is. The length of unwound cable is sensed electronically and displayed for pinpoint localization. The "Home" function automatically aligns the camera head straight forward so you never lose your orientation in the pipe.

### Easy to clean and a lot of space for accessories
The push rod can be cleaned quickly thanks to the easily removable top shell. Moreover, the twinwall hard case also protects the camera head and the monitor.

### Hand-held
Adjustable to individual requirements, reliable grip when operating the monitor.

### Anti-glare protection
The anti-glare protection is stored in the case. If necessary it will be fixed to the monitor.

### Wireless operation & video streaming via app
Comfortable remote operation of the camera head including live video transmission – simply from your smartphone or tablet.
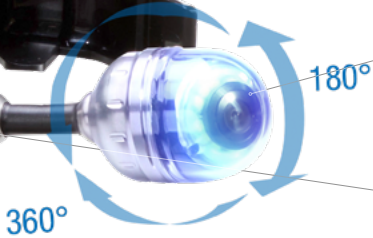
### Powerful Li-Ion battery
With a respective operating battery life of 4 hours – high speed charging via the latest USB standard (USB-C connection).

### USB stick & SD Card slot
Save your pictures and videos directly to the SD Card or an USB stick.

### HD pan & tilt color camera head 1.5"
Pans through 360° and tilts 180° from left to right. Precisely adjustable depth of focus.

### Durable Camera Rod
The flexible and durable 100 ft push rod can easily master several bends.

180°

360°

## Application

Analyze damage and inspect:
- House connection pipes up to 8"
- NDT applications
- Flue gas systems of 2.5" and larger
- Ventilation system ductwork
- False ceilings, hollow spaces, shafts
- Industrial machines / plant
- Waste water lines of 2.5" and larger
- Inspection of smaller pipes with optional miniature camera head (IP 68)

## Functionality

- 7" HD Touchscreen for intuitive operation
- Adjustable depth of focus – razor sharp recordings from any perspective
- Pan- & tiltable for all-round view
- Camera head with integrated variable frequency transmitter
- Electronically determined position and angle of the camera head shown on the display
- Brightly illuminating color camera head, 1.5" and 2.5" length, easily negotiates tight bends
- Digital distance counter
- 4 hours operating time with Li-Ion battery
- Fully equipped mobile solution in a rugged twinwall hard case
- Text comment function via on-screen keyboard
- Recording of voice comments
- Fast and effective cleaning of the camera rod

## Data management

- Simply record and store photos and videos on the SD Card 32 GB for documentation and archiving purposes for you and your customers

## Localisation with Wohler L 200 Locator (optional)

- Transmitter integrated in camera head makes it possible to precisely locate the camera head
- Facilitates targeted repairs to damaged pipelines
- Telescopic holder makes it possible to locate damage under floors or in ceilings
- Powerful rechargeable battery
- Localization of 8.9 kHz and 9.2 kHz frequencies

| Technical Data | | |
|---|---|---|
| Monitor | Dimensions housing | 10 x 6 x 2" |
| | TFT-display | 7" / 16:9 format |
| | Video out | FBAS signal |
| | Weight | 2 lbs |
| | Power supply | USB-C 5 V / 3 A 3.7 V / 11.4 Ah rechargeable Li-Ion battery |
| | Battery operating time | 4 h (battery status in display) |
| Wohler HD pan- and tiltable camera head 1.5", detachable | Type | 1/2.7" COLOR CMOS |
| | Pixels | 656 x 492 (NTSC) |
| | Light sensitivity | 0.5 Lux |
| | Lens | f = 0.09", F = 2.5 |
| | Viewing angle | 70° |
| | Light source | 10 white LEDs |
| | Degree of protection | Waterproof to IP 67 |
| | Dimensions | 1.5" x 2.5" |
| | Weight | 2 lbs |
| | Operation temperature | 32…104 °F |
| | Storage temperature | -4…122 °F |
| | Transmitter frequency | 512 Hz / 8.9 kHz / 9.2 kHz |
| Wohler HD miniature camera head 1", detachable | Type | 1/2.7" COLOR CMOS |
| | Pixels | 656 x 492 (NTSC) |
| | Light sensitivity | 0.5 Lux |
| | Lens | f = 0.09", F = 2.5 |
| | Viewing angle | 150° |
| | Light source | 10 white LEDs |
| | Degree of protection | Waterproof to IP 68 |
| | Dimensions | 1" x 1.3" |
| | Weight | 0.5 lbs |
| | Operation temperature | 32…104 °F |
| | Storage temperature | -4…122 °F |
| | Transmitter frequency | 512 Hz / 8.9 kHz / 9.2 kHz |
| Camera rod | Length | 100 ft |
| | Diameter | 33" x 22" |
| | Distance measurement | digital distance counter |

Detailed technical data can be found under **wohlerusa.com/P_16510.dl**

# Kits

| | | Wohler VIS 700 HD Inspection Camera Push rod camera | Wohler VIS 700+ HD Inspection Camera Push rod camera | Wohler VIS 700 HD Inspection Camera Cable camera chimney kit |
|---|---|:---:|:---:|:---:|
| Scope of delivery | Wohler VIS 700 Monitor with 7" HD TFT-broad band color monitor incl. 5 ft connection cable | • | • | |
| | Wohler VIS 700 Monitor with 7" HD TFT-broad band color monitor | | | • |
| | Glare shield | • | • | • |
| | Li-Ion battery | • | • | • |
| | Wohler HD miniature camera head 1", detachable | | • | |
| | Wohler HD pan- and tiltable camera head 1.5", detachable | • | • | • |
| | SD Card 32 GB | • | • | • |
| | Camera rod 0.34" x 0.22" – 100 ft long | • | • | |
| | Camera cable 66 ft with metric marking | | | • |
| | 3 replacement plastic domes | • | • | • |
| | Anti-slide mat | • | • | |
| | USB charger with USB-C cable | • | • | • |
| | Plastic case | • | • | • |
| | Carrying strap | | | • |
| | Guidance sleeve | | • | |
| | Guidance sleeve with protection cage | | • | |
| | Camera holder | | | • |
| | P/N | 7082 | 7498 | 7459 |

## Wohler VIS 700 App

**1 camera – 2 displays with the Wohler VIS 700 App**

The free Wohler VIS 700 app allows camera control and video streaming on your smartphone / tablet. It can't get much more comfortable.

The monitor image can be sent to mobile devices via WLAN and further processed via app.

Download on the App Store

GET IT ON Google Play

WÖHLER

# Accessories

| Article description | P/N |
|---|---|
| **Wohler VIS Guidance Set 70** <br> for camera head 1" <br><br> guidance sleeve with protection cage and centering star | 3883 |
| **Wohler Guidance Set 100** <br> for camera head 1.5" <br><br> protection sleeve with cut-out, roller guide and centering star | 4240 |
| **Centering Brush** <br> for camera heads | 3850 |
| **Camera holder** <br> for camera head 1.5" | 7068 |
| **Protection Sleeve** <br> for camera head 1.5" | 2641 |
| **Replacement Polycarbonate Dome** <br> for camera head 1.5" <br><br> 10 pcs. | 3675 |
| **Glass Dome** <br> for camera head 1.5" | 3674 |
| **Camera Roller Guide** <br> for camera heads and push rods | 3681 |
| **Guidance Ball** <br> for camera heads and push rods | 3634 |
| **Wohler HD miniature camera head 1"** <br> color, digital and detachable | 7613 |
| **Wohler Light Ring 1" / 1.5" HD** <br> for HD camera heads 1" / 1.5" <br><br> light ring with 18 white LEDs, outer 2.1", detachable | 8818 |
| **Wohler L 200 Locator** <br> for HD camera heads 1" / 1.5" <br><br> Scope of delivery: Wohler L 200 Locator, plastic case, USB power supply with Micro-USB cable, chalk (12 pcs. box, yellow), telescopic rod and headphones | 7430 |
| **Wohler VIS Camera Trolley Set** <br> for camera heads <br><br> Scope of delivery: Wohler VIS Camera Trolley, camerahead-holder, storage bag, stabilization sleeve for light ring (can only be used in combination with supplementary light ring) | 4753 |

ℹ For more accessories please visit **woehlerusa.com**