

# WÖHLER



## UNIQUELY CLEAR VIEW

### Wohler VIS 350 Inspection System

Capitalize the first letter in each word

*The Measure of Technology*



Made in  
Germany

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# Wohler VIS 350 Inspection System

The intelligent camera head to your benefit

With the Wohler VIS 350 camera system, you have everything you need to inspect waste water pipes, flue gas and ventilation lines and industrial systems. With the pan & tilt camera head, the built-in transmitter and the Wohler L 200 Locator you can precisely locate the damage and accurately document the results of the inspection.

Wohler's camera system is both compact and safely housed in a plastic case for transport. The system consists of a 100 ft push rod cable with reel, a full color 1.5" pan and tilt camera and a large color monitor. The Wohler control panel ensures easy control of the camera head: The camera pans 360°, tilts 180° and offers the best-possible lighting to carry out an all-round inspection of the inside of the pipe. Particularly practical: After panning and tilting, the home function automatically aligns the camera angle to straight ahead with a simple push of a button. The ability to record videos allows the camera to capture

exactly what it detects during the inspection. When damage is discovered, one quick press of a button is all that is required to capture and save a photo. To be able to assess and specifically target repair work, we at Wohler have perfected the technique of precisely locating damage. The actual distance count and the position of the head are displayed in the monitor. This feature is beneficial when dealing with extensive networks of pipelines. The position and angle of the camera head is displayed on the monitor, at all times. Precise localization of the camera head is available with the Wohler L 200 Locator.

- CRYSTAL  
CLEAR SCREEN
- ROBUST  
HOUSING
- ON 40
- POSITION &  
ANGLE DISPLAY
- DETACHABLE  
HEAD
- 1.5" dia.  
PAN/TILT COLOR  
CAMERA HEAD
- TRANSMITTER  
FREQUENCY
- LOCATOR  
TRANSMITTER
- PHOTO  
FUNCTION
- VIDEO  
FUNCTION
- POWER  
UP TO 4h

- ▶ Video inspection system proven over many years
- ▶ Position and digital distance counter of camera head indicated in the display
- ▶ Keep your sense of orientation with home function
- ▶ 4 hour flexibility – 2 rechargeable batteries for lasting mobility
- ▶ Built-in transmitter with adjustable frequency enables precise localization of the camera head



The robust color camera head is waterproof to IP 67 rating. With a diameter of just 1.5" it easily negotiates bends in pipes of 2.5" and larger.



The Wohler VIS 350 precisely locates radio signals transmitted by the camera head through concrete and asphalt to save time and money in repairs.



The 360° pan- and 180° tiltable color camera head easily negotiates 90° bends.



The Wohler L 200 Locator makes it possible to locate the camera head wirelessly.



Technical Data	
Monitor	Dimensions housing
	7" x 4.5" x 1.3"
	TFT-display
	7"/16:9 format
	Video out
	FBAS signal
Wohler pan- and tilttable camera head 1.5"	Weight
	1 lbs
	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)
Wohler miniatur camera head 1"	Type
	1/3" COLOR CMOS
	Pixels
	656 x 492 (NTSC)
	Light sensitivity
	0.5 Lux
	Lens
	f = 0.09", F = 2.5
	Viewing angle
	130°
	Light source
	12 white LEDs
Wohler miniature camera head 1"	Degree of protection
	Waterproof to IP 67
	Dimensions
	1.5" x 2"
	Weight
	1 lbs
	Operation temperature
	32...104 °F, RH 95 % MAX
	Storage temperature
	-4...122 °F, RH 95 % MAX
	Transmitter frequency
	512 kHz / 8.9 kHz / 9.2 kHz
Push rod	Type
	1/3" COLOR CMOS
	Pixels
	768 x 576 (PAL)
	656 x 492 (NTSC)
	Light sensitivity
	0.5 Lux
	Lens
	f = 0.09", F = 2.5
	Viewing angle
	145°
	Light source
	12 white LEDs
Push rod	Degree of protection
	Waterproof to IP 68
	Dimensions
	1" x 1.5"
	Weight
	0.5 lbs
Push rod	Operation temperature
	32...104 °F, RH 95 % MAX
	Storage temperature
	-4...122 °F, RH 95 % MAX
	Transmitter frequency
	512 kHz / 8.9 kHz / 9.2 kHz
Push rod	Length
	100 ft
	Diameter
	0.26"
Push rod	Distance measurement
	digital distance counter

## ✂ Application

Analyze damage and inspect:

- Waste water lines of 2.5" and larger
- House connections up to 8"
- Flue gas systems of 2" and larger
- Ventilation lines of ventilation systems
- False ceilings, hollow spaces, shafts

## ⚙ Functionality

- Optics pan- 360° and tilt 180° – facilitate maximum movement radius and ensure even the smallest damage does not remain hidden from your view
- Store video footage and photos on a SD Card 4 GB (Wohler VIS 350)
- Camera head with integrated transmitter facilitates location detection by the Wohler L 200 Locator
- Digital position and angle of the camera head displayed on the monitor
- Home function aligns the camera head to a straight position – display parallel to the ground above
- Brightly illuminating color camera head, 2" in length and 1.5", easily negotiates tight bends
- Electronic distance counter with a resolution of 0.10 ft 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
- Fully equipped mobile solution in a robust plastic case

## 📁 Data management

- Simply record and store photos and videos on a SD Card 4 GB (Wohler VIS 350) 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

Wohler L 200 Locator

Views through concrete and masonry

Inspecting pipes under the ground, in ceilings and walls is a daily routine for contractors. After the inspection, the next task is to locate the position of the damage accurately to be able to minimize repairs. The Wohler L 200 detects the transmitter, built into the camera head, to precisely locate the damage.



Contractors and their customers are able to save considerable time and money by utilizing video inspections to visualize leaks and document damaged or soiled sections of pipework. The Wohler L 200 Locator also locates the radio signals transmitted by the camera head of the Wohler VIS systems. Damage is displayed precisely in a clear-cut graphic on the display of the Locator to ensure it is discovered rapidly and marked. This is how the Wohler L 200 makes locating simple: The Locator can be attached to

a telescopic pole to make the search for the camera head as effective as possible. Guided close to the ground, along walls or below the ceiling, it locates the signals transmitted by the camera head. The user is guided by the bright color display throughout the locating process. In addition, an acoustic signal is emitted and made audible via a loudspeaker or headphones. The on screen display indicates the signal strength and direction to the camera head.

-   
COLOR  
DISPLAY
-   
LOCATES  
PRECISELY
-   
COMFORTABLE  
HANDLING
-   
TIME  
SAVING

- ▶ Locates radio signals transmitted by the camera head – rapidly pinpoints damage
- ▶ Transmitter frequency 512 Hz / 8.9 kHz / 9.2 kHz
- ▶ Easy to handle – user guided via display throughout the locating process
- ▶ Bright, easy-to-read color display
- ▶ Telescopic pole – easily track down damage anywhere













Kits



		Wohler VIS 350 Inspection Camera	Wohler VIS 350 Inspection Camera	Wohler VIS 350 Inspection Camera	Wohler VIS 350 PLUS Inspection Camera
		camera head	1.5" fixed	1.5" detachable	1" / 1.5" detachable
Scope of delivery	Wohler VIS 350 Inspection Camera with digital distance counter	•	•	•	•
	Carrying case	•	•	•	•
	Wohler pan- and tiltable camera head 1.5", fixed	•			
	Wohler miniature camera head 1", detachable			•	•
	Wohler pan- and tiltable camera head 1.5", detachable		•	•	•
	SD Card 4 GB and Mini-USB cable	•	•	•	•
	7" TFT color monitor	•	•	•	•
	6 ft connection cable (removable monitor)	•	•	•	•
	100 ft push rod 0.26"	•	•	•	•
	5 plastic domes	•	•	•	•
	Anti-slide mat	•	•	•	•
	2 NiMH batteries with charger	•	•	•	•
	Wohler L 200 Locator				•
		P/N	7354	6352	8927

8931

# Accessories

Article description	P/N
 <b>Wohler L 200 Locator</b> for camera heads 1" / 1.5" 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
 <b>Camera Roller Guide</b> for camera heads and push rods	3681
 <b>Wohler Guidance Set 100</b> for camera head 1.5" Scope of delivery: protection sleeve with cut-out, roller guide and centering star	4240
 <b>Guidance Sleeve with protection cage</b> for camera head 1"	3847
 <b>Protection Sleeve with cutout</b> for camera head 1.5"	2641
 <b>Glass Dome</b> for camera head 1.5"	3674
 <b>Replacement Polycarbonate Dome</b> for camera head 1.5" 10 pcs.	3675
 <b>Battery</b> for Wohler VIS 2xx / 3xx 12 V NiMH 2600 mAh, operation time: 120 min, warranty: 1 year	4715
 <b>Power Supply</b> for Wohler VIS 2xx / 3xx 18 V, 1.5 A, 100 – 240 V, 50 Hz, charge time 3 hours, for all countries	4798
 <b>Car Charger</b> for Wohler VIS 2xx / 3xx	3169
 <b>Wohler VIS Camera Trolley Set</b> for camera heads 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
 <b>Wohler Light Ring 1" / 1.5"</b> for camera heads 1" / 1.5" light ring with 18 white LEDs, outer 2.1", detachable	8894