

WÖHLER



WÖHLER VIS 200 / 250 VISUAL INSPECTION SYSTEM

Clear view, when space is tight

The Measure of Technology



Made in
Germany

Wöhler VIS 200/250 Visual Inspection System

Video inspection and documentation, position display and localisation

Wöhler's innovative VIS 250 service camera enables you to easily analyze damage 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 damage in waste water pipes (at least Ø 40 mm) and inspect downpipes as well as flue gas lines. Absolutely essential to analyze damage quickly

In addition to competently analyzing hidden defects in all types of buildings, the Wöhler VIS 250 provides you with transparent on-the-spot damage diagnostics. Thanks to its user-friendly handling and instant start-up characteristics, you not only ensure your customers are satisfied but you can also feel relaxed about meeting the challenges ahead. The integrated video memory allows you to fully document your inspection work.

See, save, send

The camera saves a video of the voyage of the camera head through the pipe. It passes even several 87° bows without problem. With a simple touch of a button a photo of a damaged

spot can be made and stored. We have brought the localization of the damage to perfection so that it is easy to estimate the cost for the repair. The distance to the camera head is indicated in the display as well as the position. This helps very much in wide nets of ducts. The display always shows where the top and the bottom of the duct are. The user also sees the exact angular momentum in which the camera head is pushed upwards or downwards. With the new Wöhler L 200 Locator it is even possible and economic to locate the camera head via radio.



- ▶ Ideal for analyzing household waste water pipes of Ø 40 mm and larger
- ▶ Flexible – the camera easily takes even several bends in its stride
- ▶ Position of waterproof camera head indicated in the display
- ▶ Integrated locator transmitter precisely locates damage
- ▶ Up to 4 hours flexibility – storage space for 2 rechargeable batteries
- ▶ 20 m push rod
- ▶ Compact and safely stored for transport and mobility in a plastic case



Bright illumination

Thanks to the excellent lighting system of the color camera head, the camera supplies razor sharp images of even the darkest corners of the section under inspection.



Documentation / position indicator

The „Save function“ (Wöhler VIS 250) makes it possible to save and view what you see at the push of a button. The integrated position indicator (Wöhler VIS 250) ensures you keep your sense of orientation in the pipe.



Meter counting and position display

The actual meter count and the position of the head are displayed in the monitor. The Wöhler L 200 Locator makes it possible to locate the camera.



Integrated Locator transmitter

The camera head of the Wöhler VIS 250 / 200 is equipped with a transmitter as standard – that means the camera head can easily be located by the new Wöhler L 200 Locator.



Waterproof and bendable

The robust color camera head is waterproof to 3 bar. With a diameter of just 26 mm it easily negotiates 87° bends in pipes of Ø 40 mm and larger.



Flexible

The tiltable and removable TFT wide-screen color monitor provides brilliant images, which it is possible to document via video memory on the SD card, a laptop or video recorder.

✂ Application

Damage analysis and inspection of:

- ▶ Sewage pipes and pipelines
- ▶ Exhaust systems
- ▶ Intermediate ceilings, cavities, shafts
- ▶ House connections, ground pipes

⚙ Functionality

- ▶ CCS-image technology (Crystal Clear Screen)
- ▶ Water-tight, very bendable camera head with only Ø 26 mm and extremely high light sensitivity
- ▶ Storage of recorded videos and photos on the 4 GB SD card (Wöhler VIS 250)
- ▶ Digital position and angle display of the camera head in the display (Wöhler VIS 250)
- ▶ Electronic meter counting with display on the monitor
- ▶ Mobile complete equipment in a robust double shell case
- ▶ Powerful TFT colour monitor for brilliant images
- ▶ Pivoting and removable monitor
- ▶ Integrated video output for documentation
- ▶ Mains-independent operation with a service life of up to 2 x 120 min. with 2 rechargeable batteries possible
- ▶ Data exchange via mini USB cable

📁 Data management

- ▶ Easy recording and storage of photos and videos on the 4 GB SD card (Wöhler VIS 250) for documenting and archiving for you and your customers
- ▶ Video output

📍 Locating with Wöhler L 200 Locator (optional)

- ▶ Integrated transmitter in the camera head enables exact localization of the camera head
- ▶ Localization for targeted repair of damage to pipelines
- ▶ Telescopic locator mount facilitates floor or ceiling
- ▶ Chalk holder with fat chalk for direct marking of the damaged area

Technical data

Monitor	TFT-Display	7" / 16:9 Format
	Video-Out	FBAS-Signal
	Weight	400 g
	Power supply	Space for 2 rechargeable NiMH batteries or via power pack
	Battery operating time	up to 4 h
Wöhler color camera head Ø 26 mm	Image acquisition angle Diagonal	128°
	Light source	12 white LEDs
	Degree of protection	waterproof to IP 68 (30 m, max. 30 min.)
	Dimensions	Ø 26 x 38 mm
	Transmitter frequency	9,2 kHz
Push rod	Length	20 m / electr. meter counting
	Diameter	Ø 6,5 mm

Detailed technical data can be found under www.woehler-international.com/P_86.dl



Product features

Article no.		8992 J	8993 J
Applications		Wöhler VIS 200 Visual Inspection System	Wöhler VIS 250 Visual Inspection System
Main application		Inspection of pipes/air ducts/exhaust systems	Inspection of pipes/air ducts/exhaust systems
Dry areas (exhaust systems, air ducts, etc.) ¹⁾	Ø 100 to Ø 125 mm	•	•
	Ø 70 to Ø 100 mm	•	•
	Ø 40 to Ø 70 mm	•	•
Wet areas (sewage pipes, down pipes, etc.) ¹⁾	Ø 70 to Ø 125 mm	•	•
	Ø 40 to Ø 70 mm	•	•
Intermediate ceilings, cavities, shafts		•	•
Features			
Wöhler color camera head Ø 26 mm		•	•
Video memory 4 GB SD-card			•
Digital meter counter (Resolution 0,04 m)		•	•
Analog Video-Out		•	•
Detection of camera head / damage with Wöhler L 200 Locator		•	•
Advanced menu settings			•
Video settings			•
Video recording			•
Position and angle display			•
Fast forward/rewind videos			•
Lighting system, dimmable			•

• = included

¹⁾ waterproof to IP 68 (30 meter for 30 minutes)

Wöhler L 200 Locator

Exact location through concrete and asphalt

Inspecting pipes under the ground, in ceilings and walls is daily routine for specialists. And after the inspection, the next task is to locate the position of damage accurately to be able to offer and carry out the necessary repair or cleaning work with precision. With the Wöhler L 200 Locator that is now all just child's play. It precisely detects radio signals transmitted by the flexibly positionable camera head.



Skilled tradesmen and women and their customers are able to obtain considerable time and cost savings by utilizing the video inspections to visualize leaks and document damaged or soiled sections of pipework. The Wöhler L 200 Locator also locates the radio signals transmitted by the camera head of the Wöhler VIS 250 / 200 systems. Damage is displayed precisely in a clear-cut graphic on the display of the Locator to ensure it is discovered rapidly and marked. Insights keeping you in the picture This is how the Wöhler L 200 makes locating simple: The Locator attaches to a telescopic pole. Guided close to the ground, along

walls or below the ceiling, it locates the very long radio waves transmitted by the camera head. Particularly ideal: The user is guided by the bright color display throughout the locating process – cross-hairs are displayed on a horizontal grid system. In addition, an acoustic signal is emitted and made audible via a loudspeaker or headphones. The cross-hairs and the strength of the signal indicate the direction and distance to the located point. Once the section of pipe to be repaired or cleaned has been found, it can be marked straight away. For this purpose, a holder is provided to affix a piece of chalk to the end of the Locator



COLOR
DISPLAY



LOCATES
PRECISELY

- ▶ Locating the radio signals of the camera head – fast locating of the damaged area
- ▶ Bright colour display – very easy to read
- ▶ Easy handling – 3D-guidance via the display during locating
- ▶ Telescopic rod – easily detect damaged areas everywhere
- ▶ Chalk holder allows direct marking of damaged areas
- ▶ Acoustic signal for orientation via loudspeaker or headphones – crosshairs and signal strength indicate how far away and in which direction the camera head is located

Basic sets



		Wöhler VIS 200 Visual Inspection System	Wöhler VIS 250 Visual Inspection System
	Camera head	Ø 26 mm	Ø 26 mm
Scope of delivery	Wöhler VIS 200 Visual Inspection System	•	
	Wöhler VIS 250 Visual Inspection System		•
	Wöhler color camera head Ø 26 mm	•	•
	TFT-display and 2 m connecting cable (Monitor removable)	•	•
	Push rod Ø 6,0 mm/20 m	•	•
	SD Memory Card 4 GB and Mini USB Cable		•
	Anti-Slide-Mat	•	•
	1 Battery and Power Supply	•	•
Complete plastic case	•	•	
	Article no.	6260 J	6250 J

Accessory sets



		Guidance set 70	Location/Guidance set 70
Scope of delivery	Centering brush	•	•
	Guidance sleeve with protection cage	•	•
	Wöhler L 200 Locator		•
	Cleaning set in case		•
	Article no.	3883 J	9095 J

• = included

Order Form

Product	Article no.	Qty.
Basic set: Wöhler VIS 200 Visual Inspection System	6260 J	
Basic set: Wöhler VIS 250 Visual Inspection System	6250 J	
Accessory set: Wöhler Guidance set 70	3883 J	
Accessory set: Wöhler Location / Guidance set 70	9095 J	

Billing address/customer		Delivery address (if different to billing address)	
Company	_____	Company	_____
Name	_____	Name	_____
Street/house no.	_____	Street/house no.	_____
ZIP code/City	_____	ZIP code/City	_____
Country	_____	Country	_____
Telephone	_____	Fax	_____
Mobile	_____	E-Mail	_____
Customer number	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>		
Date	_____	Signature or company stamp	_____

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