

WÖHLER

WHERE OTHERS GIVE UP,
YOU DELIVER FACTS



Wöhler VIS 700 HD-Video Inspection System

Work faster with pan & tilt camera head,
focus and images in HD quality





Set new standards in pipe inspection

With maximum visibility, control and precision

Imagine this: You open the case. In your hands – the Wöhler VIS 700 HD Video Inspection Camera. A quick press of a button, and you see what was previously hidden: Crystal-clear HD images from the depths of every pipe, every detail, every crack. No more guesswork.

This is where your control begins:

With the unique 360° pan and 180° tilt camera head, you can easily capture every angle, even the top of the pipe. Where conventional cameras that only look straight ahead simply have to do, you can discover even the smallest hairline cracks and hidden damage. Thanks to self-leveling, the image always remains perfectly horizontal – no matter how you move the camera.

And the auto-focus? It brings suspicious areas into sharp focus on your screen with maximum detail at the touch of a finger. You make decisions based on clear facts, not assumptions.

Your team is live on site:

With the Wöhler Video Inspection App, you can document and transfer images and videos in seconds, send them to colleagues, customers or insurance companies, and automatically generate inspection reports.

And after the job is done? One simple step, a splash of water, and your equipment is clean again – protected by the sturdy double-shell case, ready for your next project.

With the Wöhler VIS 700 HD, you not only deliver results – you show your customers genuine reliability, speed and technical superiority that only a true professional can offer.





HD touchscreen



Voice recording



Video recording



Photo recording



Home function



Easy cleaning



Locator transmitter



WiFi



Lithium-ion battery



USB stick



Quick cleaning for long-lasting hygiene: The robust case and the reel with the glass fibre rod can simply be rinsed off.



You can add your own or predefined commentary to each image. Voice comments on video recordings are also possible.

Advantages

- ▶ HD image quality thanks to high-resolution digital image sensor
- ▶ Motor focus brings every damaged area into sharp focus
- ▶ Waterproof 360° pan and 180° tilt HD color camera head with Ø 1.5"
- ▶ Water pressure-proof HD miniature color camera head with Ø 1"
- ▶ Self-leveling ensures a horizontal, perfectly aligned camera image at all times
- ▶ Intuitive operation via 7" HD touchscreen and joystick
- ▶ Locator transmitter in both camera heads enables precise localization of problem areas and pipe routes
- ▶ Position and angle display for orientation in the pipe
- ▶ Comment function: Damage descriptions can be added to images and voice comments on videos
- ▶ Live image transmission via WiFi

>> Technical Data

Monitor

TFT-Display:	7" / 16:9 format
Resolution:	1,280 x 800 px
Battery operating time:	4 h

Wöhler Pan & Tilt HD-Camera Head Ø 1.5"

Resolution:	1,280 x 720 px
Image capturing angle diagonal:	70°
Light source:	White LEDs (12 pieces)
Degree of protection:	Waterproof to IP 67
Dimensions:	Ø 1.5" x 2.4"
Transmission frequency Locator:	512 Hz / 8.9 kHz / 9.2 kHz

Wöhler HD-Miniature Camera Head Ø 1"

Resolution:	1,280 x 720 px
Image capturing angle diagonal:	150°
Light source:	White LEDs (12 pieces)
Degree of protection:	Water pressure-proof to IP 68
Dimensions:	Ø 1" x 1.5"
Transmission frequency Locator:	512 Hz / 8.9 kHz / 9.2 kHz

Camera rod

Length:	100' digital meter counter
---------	-------------------------------

Case

Dimensions:	7" x 17.3" x 19.7"
Weight	22 lbs

Applications

Damage analysis, non-destructive inspection and documentation of:

- ▶ 87° bends
- ▶ Waste water pipes from Ø 1.5"
- ▶ House connections up to Ø 7.9" *
- ▶ Exhaust systems from Ø 2.2"
- ▶ Air pipes and ducts
- ▶ Intermediate ceilings, cavities, shafts
- ▶ Industrial machines / plants

Functionality

- ▶ HD touchscreen – the swivelling, rotating and removable monitor delivers razor sharp images from every angle
- ▶ Adjustable sharpness range (focus function)
- ▶ 360° rotatable and 180° swivelling optics – even the smallest defects are not concealed
- ▶ Self-leveling technology automatically keeps the camera image horizontal at all times
- ▶ Integrated transmitter in the camera head for localization with the Wöhler L 200 Locator
- ▶ Electronic position and angle indication of the camera head in the display
- ▶ Home function for aligning the camera head in a straight position – display parallel to the ground
- ▶ Bright and arc-going HD pan/tilt camera head with Ø 1.5" and 2.4" length
- ▶ Bright and arc-going HD miniature camera head with Ø 1" and 1.5" length
- ▶ Electronic meter counter with display on the monitor
- ▶ Mains-independent operation due to lithium-ion battery with up to 4 hours service life
- ▶ Complete mobile equipment in a robust double-shell case
- ▶ Damage descriptions and voice comments as image / video supplements
- ▶ Quick and effective cleaning of the entire case thanks to the removable camera reel

Data management

- ▶ Documentation on site for you and your customers: Direct storage of photos and videos including damage descriptions on the integrated memory or on a USB stick
- ▶ WiFi interface for live image transmission

Localization with Wöhler L 200 Locator (optional)

- ▶ Integrated transmitter in the camera head enables exact localization of the camera head
- ▶ Pinpoint damage repair on pipelines
- ▶ Telescopic holder of the locator facilitates localization on the floor or in the ceiling area
- ▶ Chalk holder with lithographic chalk to mark the damaged area immediately
- ▶ Long-lasting Lithium-ion battery

*Accessories required to guide the camera head centrally in the pipe.

Applications



The waterproof camera head enables the inspection of waste water channels, among other things. The integrated anti-glare protection ensures the best view of the monitor even in strong sunlight.



With the Wöhler L 200 Locator, the camera head can be located with pinpoint accuracy.

Wöhler Video Inspection App

1 camera – 2 displays

The Wöhler Video Inspection App allows you to utilize your smartphone or tablet as a secondary screen. Through WiFi, the camera sends all image and video data to the device. This enables your colleagues or customers to view the entire inspection remotely, regardless of their location in relation to the pipe being inspected.

- ▶ Display of live images in the app
- ▶ Camera image settings, e.g. brightness, can also be made via the app
- ▶ Easy sending of image and video files to your address, the customer, the insurance company, etc.
- ▶ Automatically generated inspection report for documentation and proof of possible damage



Overview of features

Video inspection for clear, precise images

Digital recording and playback of high-resolution video/ photos for crisp, clear images.

Description of damage & voice comments

In the photos, a comment function allows you to insert a description of the damage. It is also possible to add voice comments to videos.

Customized focus setting

The motorized focus can be adjusted as required using the touch screen or joystick.

Position, angle and digital meter display

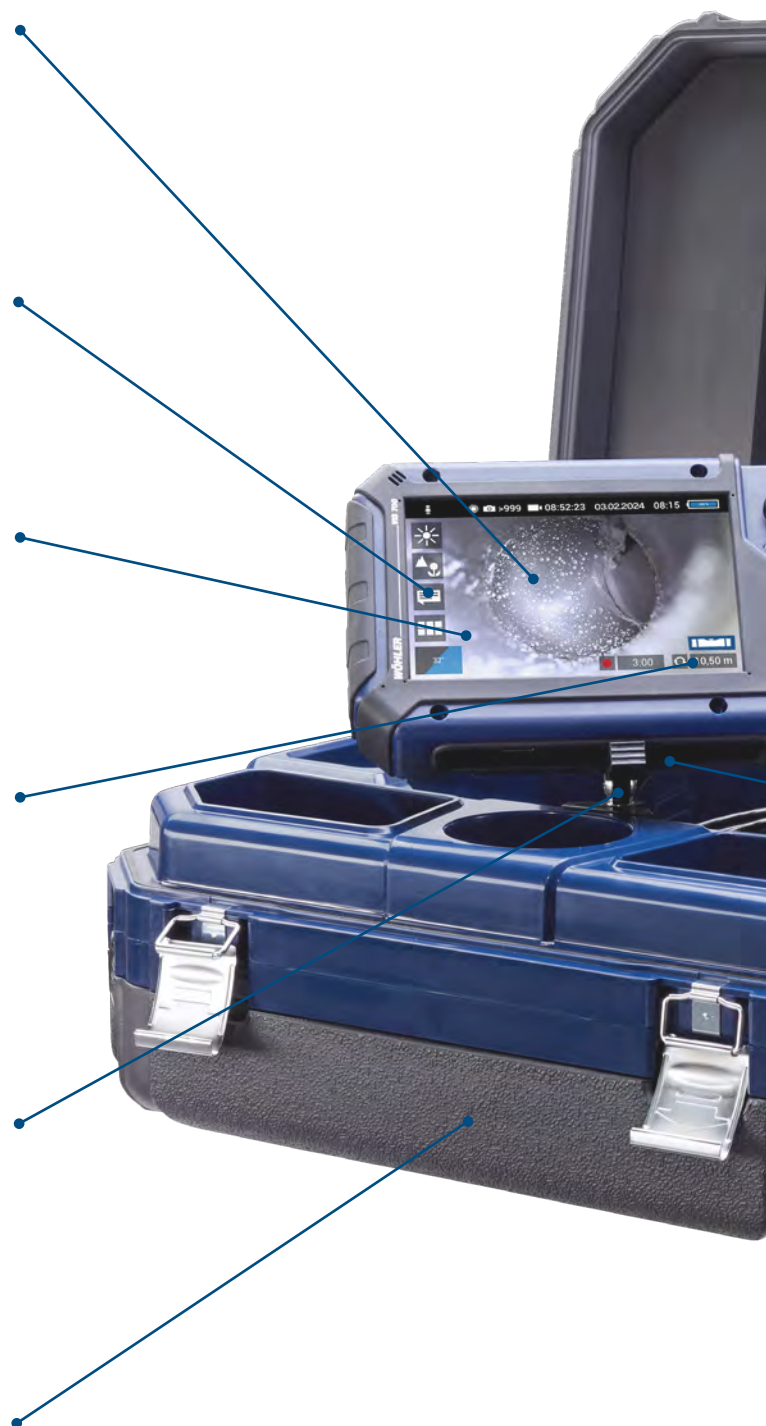
The camera head's position inside the tube is shown directly. The length of the camera rod as it uncoils is electronically recorded and displayed in the image.

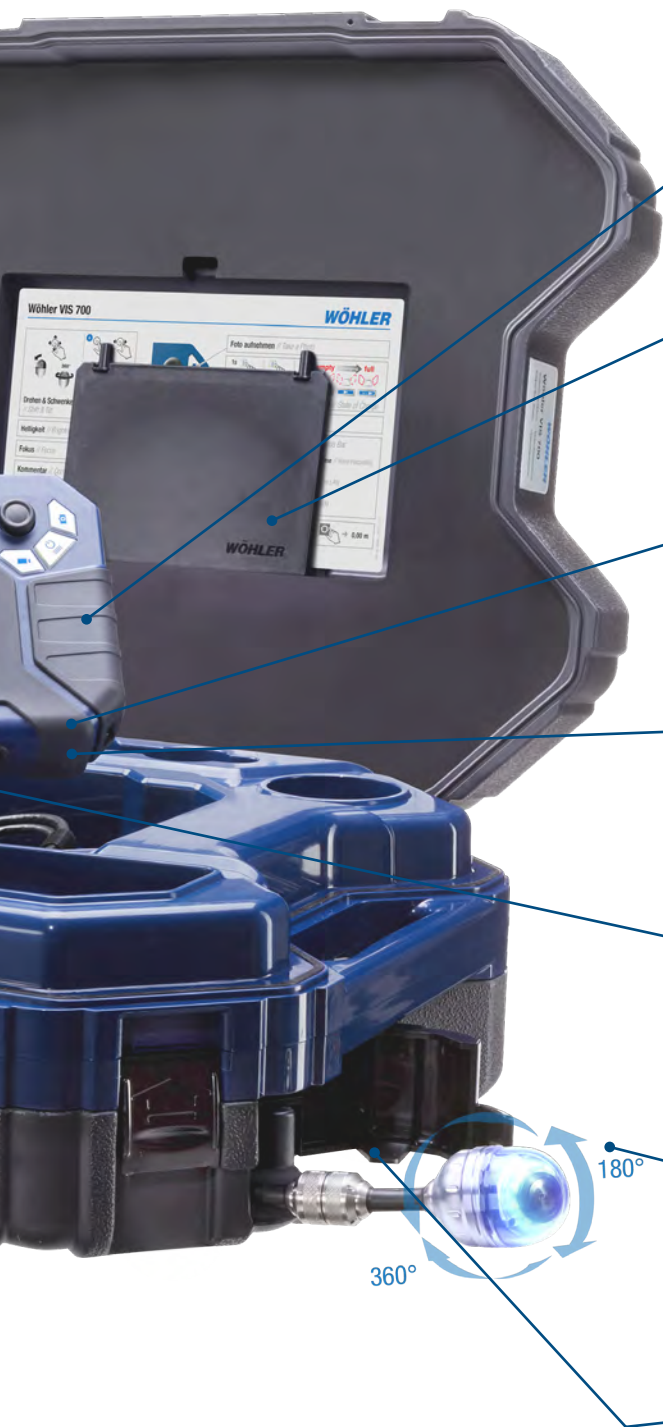
Flexible operation

There are two ways to attach the monitor to the case holder - it automatically rotates the image by 180°. It's really easy to operate with just a few buttons. You can swivel and rotate the monitor, and it can be detached from the case up to 6.5'.

Easy cleaning and plenty of space for accessories

The easy-to-open bottom shell makes the case and removable basket with rod easy to clean. The double-walled hard case also protects the camera head and the monitor.





Handle

The individually adjustable handle ensures that you hold the monitor firmly during the inspection.

Glare protection

The glare shield can be stored in the case lid and plugged directly onto the monitor when needed.

Live image transmission via WiFi network

For transferring the video signal to a mobile device and for easy report generation.

Powerful Lithium-ion battery and fast charging process

Efficient with a battery life of around 6 hours - rapid charging through the USB-C port.

USB stick

Documentation can be saved either in the internal memory of the camera or on a USB flash drive. This is particularly convenient for providing the customer with immediate access to the documentation while on site.

Pan & tilt camera head Ø 1.5"

The color camera head can be swivelled from left to right by 180° and rotated by 360°. Focus range can be precisely adjusted. Waterproof IP 67. Optional: HD Miniature Camera Head Ø 1" water pressure-proof IP 68.

Stable camera rod

The camera rod can extend up to 100' and its construction allows for both flexibility and stability simultaneously.

Basic Sets



Wöhler VIS 700 HD Inspection Camera

Property		Camera case
Camera head		Ø 1.5"
Main application	Inspection of:	Waste water ducts / air ducts / exhaust systems
	User:	Specialist Tradesmen / Industry / Chimney Sweepers
Dry environments (Exhaust systems, air ducts, etc.)	from Ø 5"	● (1) (2)
	Ø 4" to Ø 5"	●
	Ø 2.8" to Ø 4"	●
	Ø 1.5" to Ø 2.8"	
Wet environments (Waste water pipes, downpipes, etc.)	from Ø 5"	● (1)
	Ø 2.8" to Ø 5"	●
	Ø 1.5" to Ø 2.8"	
Intermediate ceilings, cavities, shafts		●
Scope of delivery		
Wöhler VIS 700 monitor unit		
TFT widescreen color monitor and 6.5' connection cable (monitor removable)		●
Glare protection		●
Lithium-ion battery		●
Data storage: Internal memory expandable with USB stick		●
Wöhler HD Miniature Camera Head Ø 1", detachable		
Wöhler Pan & Tilt HD-Camera Head Ø 1.5", detachable		●
Camera rod 0.34" x 0.22" - 100'		●
Camera cable 66' with metric marking		
Replacement plastic domes (3 pieces)		●
USB mains charger with USB-C cable		●
Carrying strap		
Plastic case		
Double sided suitcase		●
Guidance sleeve		
Guidance sleeve with protection cage		
Camera holder		
Item no.		7082

● = included

(1) accessories required to guide the camera head centrally in the pipe

(2) accessories required to slide the camera head vertically or horizontally



Wöhler VIS 700 HD-Cable Camera

Order online now! wohlerusa.com/item-no.

>> Accessories

VIS Camera heads		Item no.
	Wöhler HD-Camera Head Ø 1" detachable with leather protection bag	7613
Components for Wöhler VIS Camera Heads		Item no.
	Wöhler L 200 Locator for camera heads 1" / 1.5" Wöhler L 200 Locator, Plastic case, USB power supply with Micro-USB cable, Chalk (12 pcs. box, yellow), Telescopic rod, Headphones	7430
	Wohler VIS Camera Trolley for camera heads Wohler VIS Camera Trolley, Camera head holder, Storage bag	4705
	Camera holder for camera head Ø 1.5"	7068
	VIS Centering Brush Ø 7.9" for all camera rods, can be fixed directly behind the camera head	3850
	VIS Centering Star Ø 7.9" for all camera rods, can be fixed at any position of the camera rod	3854
	Centering Brush Extension Ø 7.9" for all camera rods, can be fixed at any position of the camera rod	3853
	Spare Brushes 24 pcs. for VIS Centering Brush Item no. 3850	3858
	Stabilization Tube for all camera heads	21736
	Glass Dome for camera head Ø 1.5"	13674
	Replacement Plastic Dome 10 pcs. for camera head Ø 1.5"	3675
	Protection Sleeve for camera head Ø 1.5"	2641
	Camera Roller Guide for camera heads and push rods	3681
	Guidance Ball for camera heads and push rods	3634

Accessory Sets



Wohler VIS Guidance Set 70

for camera head 1"

Guidance sleeve with protection cage and centering star

Item no.

3883



Wohler Guidance Set 100

for camera head 1.5"Scope of Delivery:

Protection sleeve with cut-out, roller guide and centering star

4240



NDT Supply.com, Inc.
7952 Nieman Road
Lenexa, KS 66214-1560 USA
Phone: (913)-685-0675
Email: sales@ndtsupply.com