WÖHLER

FUTURE TECHNOLOGY FOR THE EXPERT



Wöhler VIS 700
HD-Video Inspection System

Optimum view with swivelling head, focus and images in HD quality

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Made in Germany

Wöhler VIS 700 HD-Video Inspection System

The fully digital Wöhler camera generation

The camera system is at the forefront of technology, providing you with high-definition images that are incredibly sharp and detailed. All of its functions are user-friendly, allowing you to work with precision and efficiency, impressing your clients with your professionalism.

The highlight: With the focus function, you have the ability to adjust the focus area selectively. If there is a suspicious area in the image, simply move the focus to that position with precision. A simple tap on the joystick will display that spot clearly. This allows you to document damage in detail. Use the home function to point the camera head straight ahead again if required.
The high-definition images are displayed on a brilliant, high-resolution monitor. Additionally, your colleague can view the images and videos on their tablet or smartphone through WiFi transmission from the Wöhler VIS 700.

Focus on analyzing the damage rather than operating the camera. The joystick allows for easy control of the rotating and swivelling optics. Accessing settings and extras is intuitive with a tap on the touchscreen monitor.

You don‘t have to be squeamish during inspection, as the robust and sealed double-shell case protects the Wöhler technology. If necessary, simply open the service flap to clean or rinse the case shell and camera rod. Just a little effort for a permanently clean tool.



HD touchscreen

Voice recording

Video recording

Photo recording

Home function

Easy cleaning

Locator transmitter

WiFi

Lithium-ion battery

USB stick



Small, arc-going, watertight: The camera head also masters the inspection of exhaust pipes with ease.



Ready for immediate use: Open the case - switch on the camera - get started. It couldn't be more practical.

Advantages

- HD image quality thanks to high-resolution digital image sensor
- Motor focus adjustable via the joystick
- Waterproof pan and tilt HD color camera head with Ø 1.5”
- Intuitive operation via 7” HD touchscreen and joystick
- Locator transmitter in both camera heads enables radio localization
- 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
Power supply:	USB-C 5 V / 3 A 3.7 V / 11.4 Ah
Battery operating time:	4 h
Dimensions:	9.8“ x 6.1“ x 2.1“ (L x W x H)
Weight:	1.8 lbs

Wöhler Pan & Tilt HD-Camera Head Ø 1.5“

Resolution:	1,280 x 720 px
Image capturing angle diagonal:	70°
Light source:	White LEDs (10 bulbs)
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 (10 bulbs)
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:	66‘ / 100‘ digital meter counter

Applications

Damage analysis, non-destructive inspection and documentation of:

- Exhaust pipes from Ø 2.2“
- Smoke stacks up to 10.2“ x 10.2“
- Air pipes and ducts
- Intermediate ceilings, cavities, shafts

Functionality

- HD touchscreen – the swivelling, rotating and removable monitor delivers razor sharp images from every angle
- Two in one: Case camera for flue pipes; chimney camera for inspection from the chimney opening with removable monitor + carrying strap system + HD camera head Ø 1.5“ + camera cable
- Adjustable sharpness range (focus function)
- 360° rotatable and 180° swivelling optics – even the smallest defects are not concealed
- 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
- Manual control of the LED lighting
- Electronic meter counter with display on the monitor
- Mains-independent operation due to lithium-ion battery with up to 4 hours service life
- Integrated transmitter in the camera head for localization with the Wöhler L 200 Locator
- Damage descriptions and voice comments as image / video supplements

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

Applications



The carrying strap system leaves both hands free for safe inspection from the roof.



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 protecion 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 Inspection Camera	Wöhler VIS 700 HD-Cable Camera
Camera case	Cable camera
Ø 1“ / Ø 1.5“	Ø 1.5“
Waste water ducts / air ducts / exhaust systems	Waste water ducts / air ducts / exhaust systems
Specialist Tradesmen / Industry / Chimney Sweepers	Specialist Tradesmen / Industry / Chimney Sweepers
● (1) (2)	● (1) (2)
●	●
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● (1)	● (1)
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7498	7459

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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		Item no.
	**Wohler VIS Guidance Set 70** for camera head 1“ Guidance sleeve with protection cage and centering star	3883
	**Wohler Guidance Set 100** for camera head 1.5“Scope of Delivery: Protection sleeve with cut-out, roller guide and centering star	4240

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

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