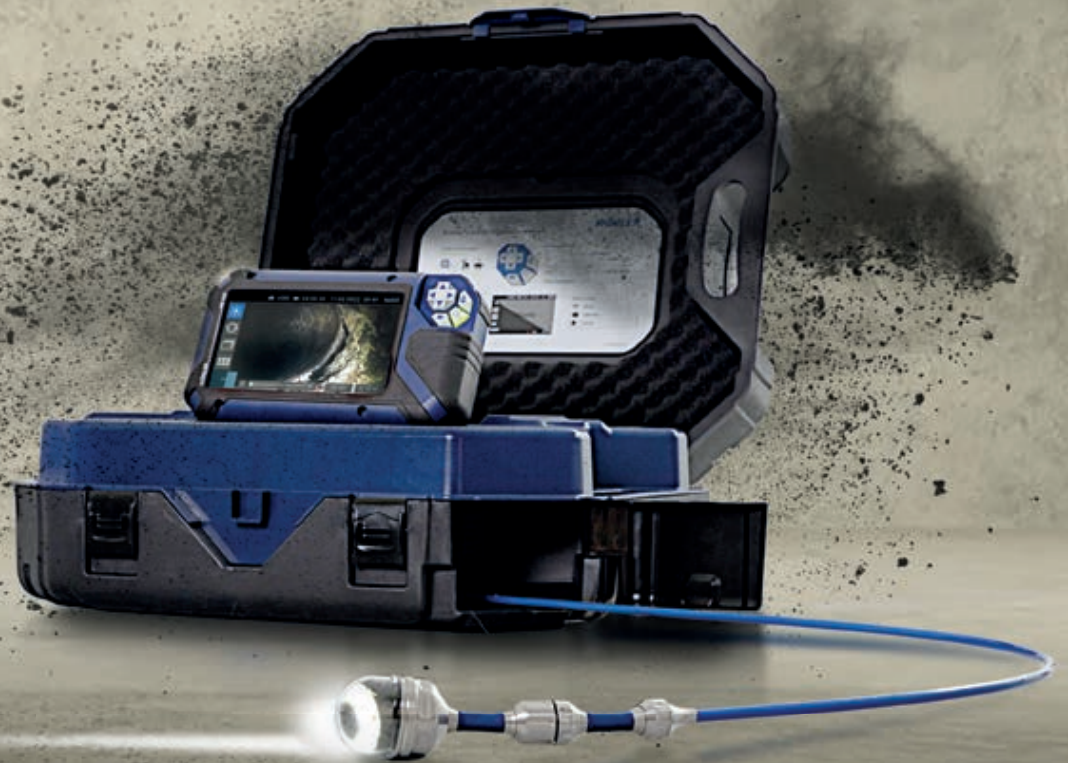


# WÖHLER

## HIGHTECH FOR EXPERTS



**Wöhler VIS 500 Inspection Camera**  
The all-purpose modular system for  
any application



Made in Germany



# Wöhler VIS 500 Inspection Camera

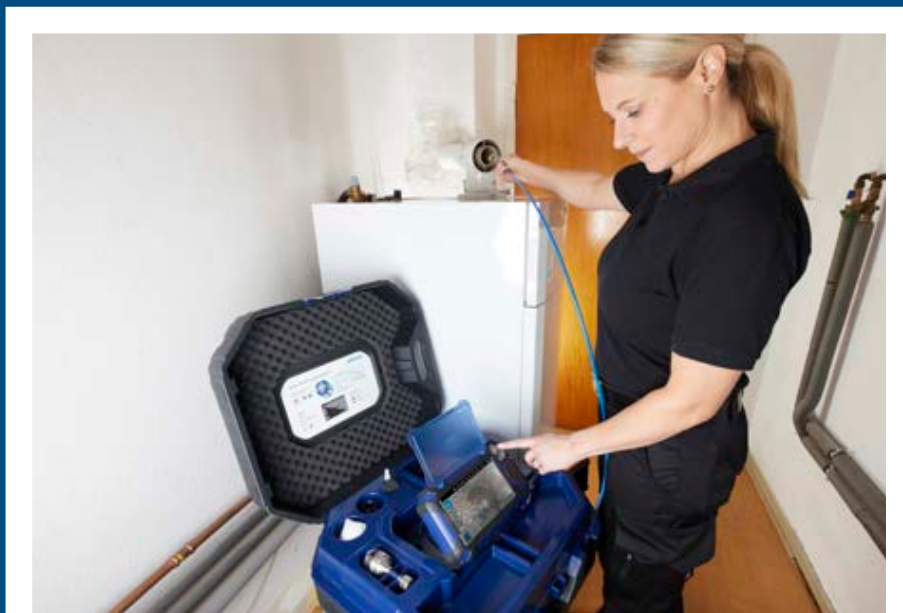
The versatile member of our camera family

## **Ideal pictures for your specific needs**

The ideal chimney sweeper camera should be versatile enough to be used in any situation. Whether you need to inspect the chimney from the roof or from below through an inspection opening, the Wöhler VIS 500 Inspection Camera is the perfect choice. It is a reliable system with state-of-the-art technology from a trusted specialist. Even in sooty chimneys, the camera LEDs and additional lighting ensure that everything is well-illuminated, giving you a clearer view than others. The interchangeable camera heads make it suitable for all applications. Controlling the pan and tilt camera head is easy with the keypad, allowing you to have a complete view of everything. The monitor provides sharp, true-color images that show every detail, eliminating the need for assumptions. Your inspections will be based on facts that you can confidently present to your customers. You can save images and videos in the camera's internal memory or on a USB stick, which you can conveniently hand over to the customer if needed.

## **Suitable for all professionals**

For the inspection from above, you carry the monitor in the secure carrying strap system in front of your body so that you have both hands free. If you are inspecting from below, you can operate the camera directly from the practical case. The system has a modular design, so that you have the camera to hand in just a few easy steps, just as you need it for your upcoming assignment. Incidentally, we know your everyday life and have thought of everything: You don't have to be squeamish with the Wöhler VIS 500. If the camera rod is dirty, simply remove the reel and rod from the case. Then rinse the case and reel with water. It couldn't be easier.





Bright illumination



Voice recording



Video recording



Photo recording



Home function



Easy cleaning



Locator transmitter



WiFi



Lithium-ion battery



USB stick



Fully equipped mobile solution: Everything you need on the job is safely stored in the double-shell case, so everything is in reach without disturbing your work.



Keep everything within reach: Use the cable reel to easily inspect without dealing with tangled cables and have both hands free.

## Advantages

- ▶ Check out the all-purpose camera for your needs: Camera in a case for monitoring, camera with a cable for inspecting from high places, and camera with a reel for inspecting from above and below
- ▶ Waterproof pan and tilt camera head Ø 1.5" for an all-round view
- ▶ Future-proof thanks to Wöhler Video Inspection App: Operation, image view and report generation
- ▶ Crystal clear image quality with true-color and clear display that ensures efficient and secure work
- ▶ Double-shell case with separate compartment for the camera rod for cleaning with water after use
- ▶ Bright illumination with camera LEDs and optional additional lighting
- ▶ Easy to use with a uniform interface across the Wöhler VIS series

# Technical Data

## Monitor

TFT-Display:	7" / 16:9 Format
Resolution:	1,024 x 600 px
Connection cable:	6.5'
Power supply:	USB-C 5 V / 3 A 3.7 V / 11.4 Ah
Battery operating time:	6 h
Dimensions:	9.6" x 5.55" x 2.1" (L x W x H)
Weight:	1.57 lbs

## Wöhler Pan & Tilt Camera Head Ø 1.5"

Resolution:	720 x 576 px (PAL) 720 x 480 px (NTSC)
Image capturing angle diagonal:	130°
Light source:	White LEDs (12 pieces)
Degree of protection:	Waterproof IP 67
Dimensions:	Ø 1.5" x 2.4"
Transmission frequency Locator:	512 Hz / 8.9 kHz / 9.2 kHz

## Wöhler Miniature Camera Head Ø 1"

Resolution:	720 x 576 px (PAL) 720 x 480 px (NTSC)
Image capturing angle diagonal:	145°
Light source:	White LEDs (12 pieces)
Degree of protection:	Water pressure-proof IP 68
Dimensions:	Ø 1" x 1.5"
Transmission frequency Locator:	512 Hz / 8.9 kHz / 9.2 kHz

## Camera rod / camera cable / camera reel

Length:	65' / 100' electronic meter counting
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## Application

Damage analysis, inspection and documentation of:

- ▶ Flue gas pipes from Ø 2.2"
- ▶ Smoke stacks up to 10.2" x 10.2"
- ▶ Air pipes and ducts
- ▶ Intermediate ceilings, cavities, shafts

## Functionality

- ▶ Modular system: One monitor, many applications through upgrade sets
- ▶ 360° rotatable and 180° swivelling optics – even the smallest defects are not concealed
- ▶ Waterproof and arc-shaped pan/tilt camera head with Ø 1.5"
- ▶ Waterproof and arc-shaped miniature camera head with Ø 1" (optional)
- ▶ Electronic meter counter with display on the monitor
- ▶ Mains-independent operation due to lithium-ion battery with up to 6 hours service life
- ▶ Integrated transmitter in the camera head for localization with the Wöhler L 200 Locator
- ▶ Home function for aligning the camera head in a straight position – display parallel to the ground
- ▶ Electronic position and angle indication of the camera head in the display
- ▶ Manual control of LED lighting
- ▶ Commentary can be provided through a headset while viewing images or videos

## Data management

- ▶ Documentation on site for you and your customers: Direct storage of photos and videos on the integrated memory (4 GB) or on a USB stick
- ▶ Wöhler Video Inspection App: WiFi interface for live image transmission with smartphone or tablet

## 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



Take the camera out of its case, turn it on, and you're good to go. It's incredibly convenient!



Thanks to the LEDs in the camera head, you can see even in the darkest places.

## Modular system

One monitor – many applications



Wöhler VIS 500 monitor unit

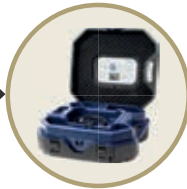


Wöhler Miniature Camera Head 1" Item 422

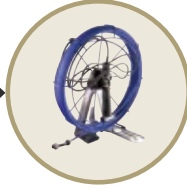
and/or



Wöhler Camera Head 1.5" Item 869



Camera case: Inspection of water lines, pipes & ductwork



Push camera: Inspection of flue gas pipes & chimneys



Cable camera: Inspection of chimneys



Cable reel: Inspection of flue gas pipes

# Overview of features

## Great image and video quality

High resolution images allow a view of every detail.

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## 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' away.

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## 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.

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## Voice comments

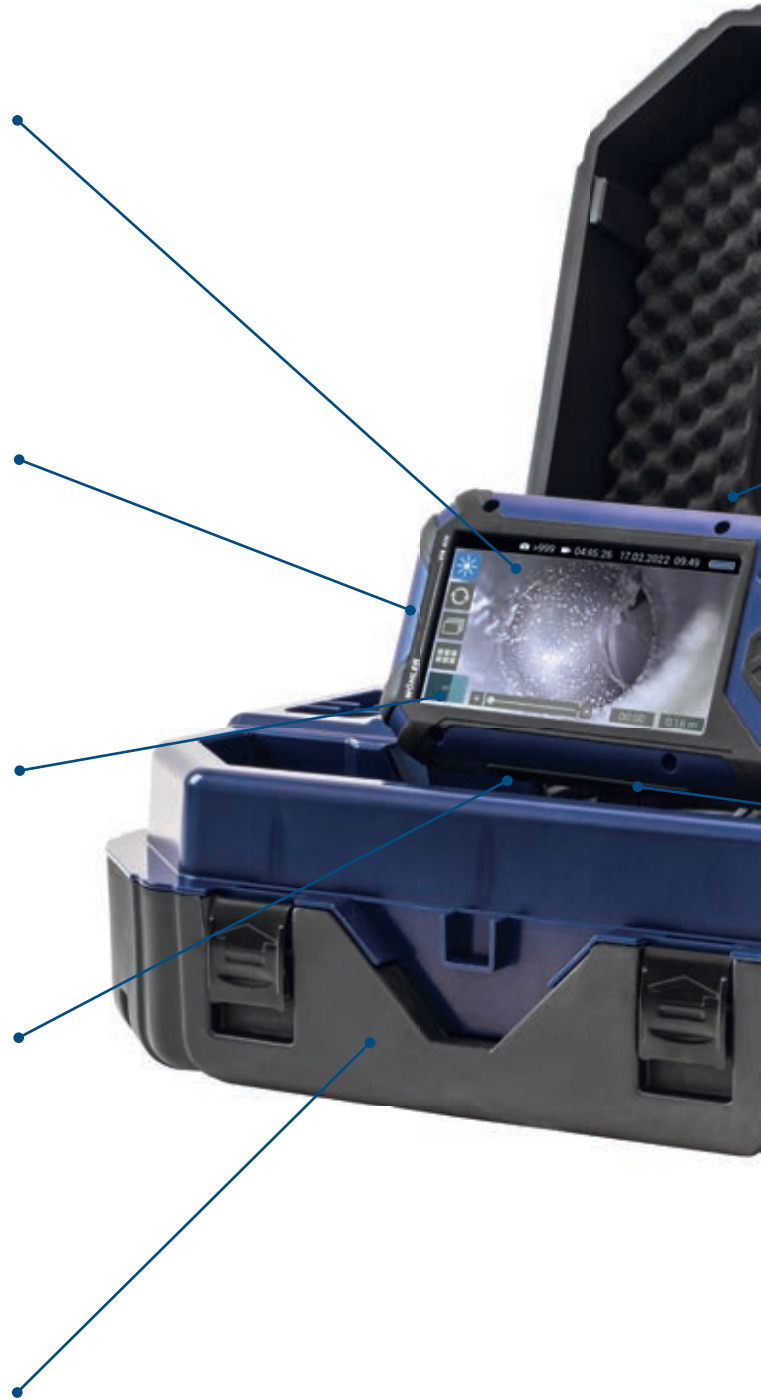
Voice commentary can be added via headset during video recording.

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## 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.

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### Glare protection

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

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### Live image transmission to the app

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

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### Powerful Lithium-ion battery and fast charging process

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

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### 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.

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### Pan & tilt camera head Ø1.5"

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

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### Stable camera rod

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

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# Basic Sets



## Wöhler VIS 500 Inspection Camera



Property		Camera case
Camera head		Ø 1.5"
Main application	Inspection of:	Flue gas pipes / chimneys / air shafts / air ducts
User		Chimney Sweepers / Specialist Tradesmen / Industry
Dry environments (Exhaust systems, air ducts, etc.)	from Ø 1.5" to Ø 7.1"	● from above & from below (1)
	Ø 7.9" to Ø 15.7"	● from above (2)
Wet environments (Waste water pipes, downpipes, etc.)	Ø 2.8" to Ø 5"	● (3)
	from Ø 5"	● (1) (3)
Intermediate ceilings, cavities, shafts		● (1) (2)
<b>Scope of delivery</b>		
Wöhler VIS 500 Monitor unit		●
TFT Widescreen Color Monitor and 6.5' connection cable (monitor removable)		●
Glare protection		●
Lithium-ion battery 6 h operation time		●
USB mains charger with USB-C cable		●
Wöhler Pan & Tilt Camera Head Ø 1.5", detachable		●
Data storage: Internal memory 4 GB expandable with USB stick		●
Camera rod Ø 0.25" / 100'		optional
Cable reel with camera cable		
Camera cable 100'		
Replacement plastic domes (3 pieces)		●
Plastic case		
Double sided suitcase		●
Aluminium Case XXL		
Carrying strap system with mounting plate for monitor unit		
Item no.		11507






● = included




- (1) Accessories recommended to slide the camera head vertically or horizontally  
 (2) Accessories recommended to guide the camera head centrally in the pipe  
 (3) Waterproof to IP 68 (100' for 30 minutes)











# ➤ Accessories




VIS Camera heads		Item no.
	<b>Wöhler 1" Camera Head V2</b> NTSC, detachable	422
	<b>Wöhler Camera Head 1 1/2" dia, V2</b> NTSC, detachable	869


Components for all Wöhler VIS Camera Heads		Item no.
	<b>Wöhler L 200 Locator</b> for camera heads Ø 1" / 1.5" Wöhler L 200 Locator, Telescopic rod, Headphones, USB power supply unit with micro USB cable, Lithographic chalk (12 pieces, yellow), Plastic case	7430
	<b>Wöhler VIS Camera Trolley</b> Camerahead-holder, Storage bag Wöhler, Stabilisation sleeve for light ring 1" / 1.5" (can only be used in combination with supplementary light)	4753
	<b>Camera Holder</b> for pan and tilt camera head Ø 1.5"	3720
	<b>VIS Centering Brush</b> for camera heads and rods Ø 7.9" , with 6 strip brushes as spacers, can be fixed directly behind the camera head	3850
	<b>Wöhler Light Ring 1" / 1.5", detachable</b> for camera heads Ø 1" / Ø 1.5" Only for detachable camera heads - the additional lighting with 18 white LEDs is mounted between the camera head and the camera pole. Power is supplied via the video inspection system. Ø- Outside 2.1"	11398

Components for Wöhler VIS Camera Head Ø 1"		Item no.
	<b>Wöhler Guidance Set 70</b> guidance sleeve with protection cage, centering brush	3883
	<b>Guidance Sleeve</b> increases arc mobility and protects the camera head	3827
	<b>Guidance Sleeve with protection cage</b> increases arc mobility, protects the camera head and also the lens	3847

Components for Wöhler VIS Camera Head Ø 1.5"		Item no.
	<b>Guidance Set 100</b> protection sleeve with cut-out (art. 2641) , roller guide (art. 3681) and centering brush (art. 3854)	4240
	<b>Protection Sleeve</b> Easy installation and secure hold thanks to clamping lever, particularly good visibility thanks to a round recess in the dome area	2641
	<b>Camera Roller Guide</b> suitable for camera heads and rods	3681
	<b>Relining Adapter</b> only for detachable versions	6888
	<b>Glass Dome</b>	13674
	<b>Replacement Plastic Domes (10 pcs.)</b>	3675

Telescope		Item no.
	<b>Wöhler Telescopic Tube 5'</b> with flexible gooseneck for all camera heads, length of the telescopic tube 3' to 5' plus gooseneck 1'	7005
	<b>Wöhler Telescopic Tube 11'</b> with flexible gooseneck length of the telescopic tube 3' to 11' plus gooseneck 1'	7024

Cable Reel		Item no.
	with Digital Meter Counter with 65' camera cable	15121
	with 100' camera cable	15122
	<b>Camera Cable</b> with metric marking 65'	9172
	100'	7812
	164'	7845
	<b>Camera Extension Cable</b> with metric marking The camera cable can be extended to a maximum length of 164' without interference. 32'	8636

Camera Viper		Item no.
	with Digital Meter Counter, Belt Holder and stand push rod 98' / Ø 0.26" / blue	7301
	push rod 65' / Ø 0.3" / red	7309



Scan the QR code and learn more!

# **WÖHLER**

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