

WÖHLER

SEE, PLAN, DO!



Wöhler VIS 500 Inspection camera
Robust technology for every challenge


Made in Germany



Wöhler VIS 500 Inspection camera

The newcomer in our camera family

Perfect images for your daily challenges

To get a clear view, rely on an inspection camera from the specialist: The Wöhler VIS 500 inspection camera offers the tried and tested case system with brand new technology – and this allows you to proceed even more purposefully during your operations. Thanks to the exchangeable camera heads, you are perfectly equipped for all operations. You simply control pan and tilt camera head via a key pad, so that you have everything in view even in dark pipes. The monitor then provides you with sharp and true-colour images on which you can see every detail exactly. This means you no longer spend your time in assumptions or misjudgements. Instead, you plan your operation on the basis of your video inspection. You can choose to store images and videos in the camera's large internal memory or on a USB stick.

Report in the app

With the Wöhler VIS 500 inspection camera, you are perfectly equipped for the future. The camera's WLAN interface makes it possible to view images and videos in the large camera display and simultaneously in the smartphone or tablet display. This way, several people can follow the inspection live at the same time, even if they have positioned themselves quite differently. The image files are transferred from the camera to the app via WLAN and after the inspection you can create an illustrated report in just a few minutes, which you can send directly from your smartphone to your office address, the customer or the insurance company with one click.

Absolutely suitable for technicians

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 is dirty, take the rod and pole out of the case in one easy step. Then spray the case and reel with water. It couldn't be easier.



Bright illumination



Voice



Video



Picture



Home function



Easy cleaning



Tracking transmitter



WIFI



Lithium-ion battery



USB-stick



Sharp picture, clear menu structure and a firm grip in the hand.



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

Advantages

- ▶ The universal camera for your applications: Interchangeable camera head, sound and voice recording via headset and different rod lengths
- ▶ Waterproof rotatable and pan and tilt camera head Ø 40 mm for an all-round view
- ▶ Future-proof thanks to Wöhler video inspection app: operation, image view and report
- ▶ Convincing image quality with true-colour for fast and safe work
- ▶ Double-shell case with separate compartment for the camera rod for cleaning with water
- ▶ Bright illumination with camera LEDs and optional additional lighting
- ▶ Intuitive handling with uniform operating concept of the Wöhler VIS series

Technical data

Monitor

TFT display:	7" / 16:9 Format
Resolution:	1.024 x 600 px
Power supply:	USB-C 5 V / 3 A 3,7 V / 11,4 Ah
Service life:	6 h
Dimensions:	245 x 141 x 53 mm
Weight:	710 g

Wöhler pan / tilt camera head Ø 40

Resolution:	720 x 576 px (PAL) 720 x 480 px (NTSC)
Angle of image capture:	130°
Light source:	white LEDs (12 pcs.)
Protection class:	waterproof IP 67
Dimensions:	Ø 40 x 60 mm
Transmission frequency Locator:	9,2 kHz

Wöhler miniature camera head Ø 26

Resolution:	720 x 576 px (PAL) 720 x 480 px (NTSC)
Image acquisition angle diagonal:	145°
Light source:	white LEDs (12 pcs.)
Protection class:	pressurized waterproof IP 68
Dimensions:	Ø 26 x 38 mm
Transmission frequency Locator:	9,2 kHz

Camera rod

Length:	30 m electr. meter counting
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Application

Damage analysis, non-destructive inspection and documentation of:

- ▶ 87° bends
- ▶ Sewer pipes from Ø 40 mm
- ▶ House connections up to Ø 200 mm
- ▶ Air pipes and ducts
- ▶ intermediate ceilings, cavities, shafts
- ▶ Industrial machines / plants

Functionality

- ▶ Modular system: one monitor, many applications through upgrade sets
- ▶ optics pan 360° and tilt 180° – even the smallest defects are visible
- ▶ 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 pipe
- ▶ Light-intensive and bendable rotating/swivelling camera head with Ø 40 mm for inspecting tubes Ø 70 mm
- ▶ High-brightness and bendable miniature camera head with Ø 26 mm for inspecting tubes Ø 40 mm with 87° bends (optional)
- ▶ Manual control of LED lighting
- ▶ Electronic meter counting with display on the monitor
- ▶ Mains-independent operation due to lithium-ion battery with up to 6 hours working time
- ▶ Integrated transmitter in the camera head for locating with the Wöhler L 200 Locator
- ▶ Voice comments via headset

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
- ▶ WLAN interface for live image transmission

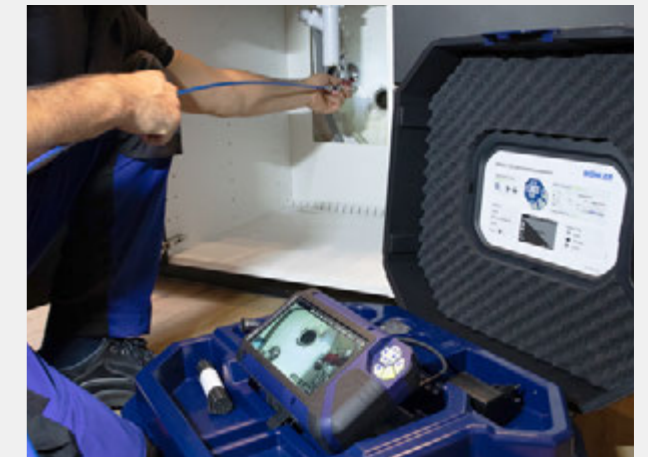
Locating with Wöhler L 200 Locator (optional)

- ▶ Integrated transmitter in the camera head enables exact localisation of the camera head
- ▶ Targeted damage repair
- ▶ Telescopic holder of the locator facilitates localisation on the floor or in the ceiling area
- ▶ Chalk holder with grease chalk for direct marking of the damaged area
- ▶ Long-life lithium-ion battery

Application



The waterproof camera head enables the inspection of sewers, among other things.



Voice comments on video recordings are also possible

Wöhler Video Inspection App

1 camera - 2 displays

With the Wöhler video inspection app, you use your smartphone or tablet as a second display. The camera transmits all image and video data to it via WLAN. Your colleague can then follow the entire video inspection, even if he is positioned at the other end of the inspected pipe.

- ▶ 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 office address, the customer, the insurance company, etc.

The monitor image can be sent to mobile devices via WLAN and processed via the app.



Basic sets















Wöhler VIS 500
Inspection camera




















Wöhler VIS 500
Inspection camera

	Wöhler VIS 500 Inspection camera	Wöhler VIS 500 Inspection camera
Property	suitcase camera	cable camera
Camera head	Ø 40 mm	Ø 40 mm
Scope of delivery		
Wöhler VIS 500 monitor unit	•	•
TFT widescreen colour monitor and 2 m connection cable (monitor removable)	•	•
Glare protection	•	
Lithium-ion battery 6 h standby time	•	•
USB mains charger with USB-C cable	•	
Wöhler pan and tilt camera head Ø 40, detachable	•	•
Data storage: Internal memory 4 GB expandable with USB stick	•	•
Camera rod Ø 6,5 mm / 30 m	•	
Camera cable 30 m on a cable reel		•
Replacement plastic domes	•	
Double-sided suitcase	•	
Transport case XXL		•
Carrying strap system		•
Article no.	11508 J	12343 J

• = include

» Accessories

	Article no.
Telescope	
 Telescopic Tube 1,6 m with flexible gooseneck for all camera heads, length of the telescopic tube 0,9 – 1,6 m plus gooseneck 0,3 m	7005 O
 Telescopic Tube 3,4 m with flexible gooseneck for all camera heads, length of the telescopic tube 0,9 – 3,4 m plus gooseneck 0,3 m	7024 J
Components for all Wöhler VIS Camera Heads	
 Wöhler L 200 Locator (Receiver) plastic case, USB power supply with micro USB cable, grease crayon (12 pcs. box, yellow) telescopic rod and headphones	7430 J
 Wöhler VIS Camera Trolley camera head holder, storage bag, stabilization sleeve for light ring 26/40 (can only be used in combination with supplementary light)	4753 J
 Camera holder for reverse view – for Ø 40 mm camera head	3720 J
 Centering Brush Ø 20 cm for all camera rods, can be fixed directly behind the camera head	3850 J
VIS Camera heads	
 Wöhler Camera Head Ø 26 mm, detachable flexible connection to the camera rod, with leather protection bag	8920 J
 Wöhler Camera Head Ø 40 mm, detachable pan and tilt, flexible connection to camera rod, with leather protection bag	8930 J
Components for Wöhler VIS Camera Heads Ø 26 mm	
 Guidance Set 70 for Wöhler VIS camera head Ø 26 mm, guidance sleeve with protection cage, centering brush	3883 J
 Guidance Sleeve for camera head Ø 26 mm	3827 J
 Guidance Sleeve with protection cage for camera head Ø 26 mm	3847 J
 Wöhler Light Ring 26/40 mm, detachable for Wöhler VIS camera heads Ø 26 mm and Ø 40 mm, only for detachable camera heads, with 18 white LEDs	8894 J

	Article no.
For Camera Head Ø 40 mm	
 Wöhler Guidance Set 100 incl. protection sleeve with cut-out, roller guide and centering brush	4240 J
 Protection Sleeve with cut-out	2641 J
 Camera Roller Guide suitable for camera heads and rods	3681 J
 Wöhler Light Ring 26/40 mm, detachable only for detachable camera heads, Light ring with 18 white LEDs	8894 J
 Relining Adapter only for detachable camera heads	6888 J
 Glass Dome	3674 J
 Replacement Plastic Domes 10 pcs.	3675 J
Cable Reel	
 Cable reel with digital meter counter with 20 m camera cable	15121 J
 Cable reel with digital meter counter with 30m camera cable	15122 J
 Camera Cable with metric marking 20 m	9172 J
 Camera Cable with metric marking 30 m	7812 J
 Camera Cable with metric marking 50 m	7845J
 Camera Extension Cable with metric marking 10 m	8636 J
Camera Viper	
 Wöhler Camera Viper with digital meter counter with belt holder and stand, push rod 20 m / Ø 6 mm	7308 J
 Wöhler Camera Viper with digital meter counter with belt holder and stand, push rod 30 m / Ø 6 mm	7336 J
 Wöhler Camera Viper with digital meter counter with belt holder and stand, push rod 20 m / Ø 6,5 mm	7302 J
 Wöhler Camera Viper with digital meter counter with belt holder and stand, push rod 30 m / Ø 6,5 mm	7301 J
 Wöhler Camera Viper with digital meter counter with belt holder and stand, push rod 20 m / Ø 7 mm	7309 J
 Wöhler Camera Viper with digital meter counter with belt holder and stand, push rod 30 m / Ø 7 mm	7307 J

Overview of features

High image and video quality

High resolution images allow a view of every detail.

Flexible operation

The monitor can be attached to the case holder in two variants - the image rotates automatically by 180°. The operation is very simple via a few buttons. The monitor can be swiveled and rotated and can be removed from the case up to 2 m.

Position, angle and digital meter display

Direct display of the position of the camera head in the tube. The uncoiling length of the camera rod is recorded electronically and displayed in the image.

Voice comments

Voice commentary can be added via headset during video recording.

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.



Glare protection

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

Live image transmission to the app

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

Powerful Li-Ion battery and fast charging process

Powerful with an operating time of approx. 6 hours – fast charging via USB-C port.

USB stick

Documentation can be stored in the internal camera memory or on a USB stick. Ideal for passing on to the customer directly on site.

Pan & tilt camera head Ø 40 mm

The color camera head can be swiveled from left to right by 180° and rotated by 360°.

Stable camera rod

The camera rod can be pulled out up to 30 m and its design makes it both archable and stable at the same time.

WÖHLER

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