

WÖHLER

**READY FOR USE
AT ALL TIMES**



Wöhler Video Endoscopes

Fast damage detection with extra small and light endoscopes



Wöhler Video Endoscopy

Nothing remains hidden

With a Wöhler VE video endoscope, nothing remains hidden because you always have the small, lightweight endoscope with you. You can even see into any cavity through openings from Ø 4 mm. This saves you unpleasant surprises at work, because you have everything in view right from the start.

We have three endoscopes with a wide range of functions. There is also an extensive selection of waterproof HD probes, from the miniature Ø 3.9 mm probe to the 3 m long Ø 25 mm probe for inspecting waste water pipes. By simply pressing a button, the probes (Ø 5.5 mm and Ø 25 mm) can even be orientated 90° to the side. And best of all: all Wöhler endoscope probes are compatible with each other.

The choice of the right endoscope for you depends on your preferred working method. For video inspection with the Wöhler VE 220, you use your tablet or smartphone as a screen. The endoscope transmits the image data to it via Wi-Fi. Of course, you can then save the images and videos on your end device and send them from there. If you prefer an endoscope with its own screen, the Wöhler VE 320 or VE 400 is just right for you. Your images and videos are shown directly on the large colour display. You can even rotate the screen view at the touch of a button. You can then save the image files onto the SD memory card, in HD Ready quality on the Wöhler VE 320 and even in HD on the Wöhler VE 400.




Video recording


Photo recording


Image quality
Wöhler VE 220 / 400


Image quality
Wöhler VE 320


WiFi
Wöhler VE 220


SD
Wöhler VE 320 / 400


USB


Wöhler
Smart Inspection App



Moisture under the bath? With the Wöhler VE 400, the cause can be found very quickly without having to bring out the "big guns".



The display of the Wöhler VE 320 can be rotated by 180° for easy orientation in the pipe. The flexible probe manages bends with ease.

Advantages

- ▶ Inspection of inaccessible cavities through small openings from Ø 4 mm
- ▶ Wide range of probes up to 10 m length for many applications
- ▶ Probes compatible with all Wöhler VE Video Endoscopes
- ▶ HD image quality or HD Ready image quality
- ▶ The small and lightweight VE video endoscope can be carried at all times

Technical Data

Monitor

Wöhler VE 400

Size:	5"
Resolution:	1,280 x 720 px
Interfaces:	Micro-USB data/charging port Micro SD card slot

Wöhler VE 320

Size:	3.5"
Resolution:	960 x 720 px
Interfaces:	Micro-USB data/charging port Micro SD card slot

HD Videoscope Probe Camera Head

Wöhler VE 400 / 320 / 220

Degree of protection: IP 67

Signal transmission

Wöhler VE 220

WLAN network standard:	IEEE 802.11 b / g / n
Data transmission rate at 802.11 a/b/g/n:	up to 150 Mbit

Recording formats

Wöhler VE 400

Image file:	JPG
Video file:	MP4

Wöhler VE 320 / 220

Image file:	JPG
Video file:	AVI

Power supply

Wöhler VE 400 / 320

Lithium rechargeable battery

Wöhler VE 220

NiMh rechargeable batteries

Application

HD inspection of:

- ▶ Inaccessible cavities through small openings from Ø 4 mm
- ▶ Pre-wall installations, sinks, drainage pipes, fireplaces, combustion chambers, connectors
- ▶ Inspection openings and fire dampers

Functionality

Wöhler VE 320 Video Endoscope (HD Ready picture quality) / Wöhler VE 400 HD Video Endoscope:

- ▶ Large colour monitor
- ▶ Image rotation
- ▶ LED supplementary light on the endoscope to illuminate the inspection area

Wöhler VE 220 HD Video Endoscope:

- ▶ Transmission of image and video data via WiFi using the Wöhler VE 220 app to smartphone, laptop, tablet, PC
- ▶ Can be used on several devices at the same time
- ▶ LED supplementary light on the endoscope to illuminate the inspection area

Data management

Wöhler VE 320 Video Endoscope (HD Ready picture quality) / Wöhler VE 400 HD Video Endoscope:

- ▶ Saves the image and video files on the internal micro SD memory card
- ▶ Transfer of image and video files to the PC via SD card or USB cable

Wöhler VE 220 HD Video Endoscope:

- ▶ Saves the image and video files onto a mobile device
- ▶ Direct sending of images and videos via the "share function" on a smartphone / tablet

Applications



With the magnetic holder you can securely attach the Wöhler VE 400 to any magnetic surface. This leaves your hands free for working.



Just a Ø 4 mm opening in a tile cross is sufficient to inspect the installation behind the wall (Wöhler VE 320 in the picture).



The small Wöhler VE 220 fits in every pocket. It transmits the image and video files via Wi-Fi to your mobile device and if desired also simultaneously to your tablet and smartphone.



The images from the Wöhler VE 220 are also displayed in high quality on the smartphone. They can be conveniently sent from there.

Basic Sets



**Wöhler VE 400
HD Video Endoscope**

**Wöhler VE 320
HD Video Endoscope**

**Wöhler VE 220
HD Video Endoscope**

	Wöhler VE 400 HD Video Endoscope	Wöhler VE 320 HD Video Endoscope	Wöhler VE 220 HD Video Endoscope
Image display	Colour monitor 5"	Colour monitor 3.5"	Wi-Fi transmission of image data to a mobile device
Image quality	HD	HD Ready	HD
Image rotation	●	●	
Zoom function	●	●	
Micro SD memory card 32 GB	●	●	
LED supplementary light on the device	●	●	●
Various probes available	●	●	●
Scope of delivery			
Wöhler VE 400 HD Video Endoscope	●		
Wöhler VE 320 Video Endoscope		●	
Wöhler VE 220 HD Video Endoscope			●
HD-Video-Endoscope-Probe 0° / 90° Ø 5.5 mm / 1 m	●		
Video-Endoscope-Probe Ø 5.5 mm / 1 m		●	
HD-Video-Endoscope-Probe Ø 7.6 mm / 1 m			●
Lithium rechargeable battery	●	●	
NiMh rechargeable batteries			●
Micro SD card 32 GB	●	●	
Micro-USB charger	●	●	
Micro-USB card adapter		●	
Video-Endoscope-connection-cable 1.5 m	●		
Side-view mirror		●	●
Magnet (pluggable)		●	●
Hook attachment		●	●
Case	●	●	●
Article no.	6920 A	6935 A	12132 I

● = included

» Accessories

	Article no.
HD-Video-Endoscope-Probe Ø 3.9 mm / 1 m	6929 A
HD-Video-Endoscope-Probe Ø 5.5 mm / 1.2 m	7787 I
HD-Video-Endoscope-Probe Ø 9 mm / 3 m (only suitable for VE 220 and VE 320)	7724 I
HD-Video-Endoscope-Probe Ø 25 mm / 3 m	6911 A
HD-Video-Endoscope-Probe (2 Cameras) Ø 5.5 mm / 1 m / 0° / 90°	6928 A
HD-Video-Endoscope-Probe (2 Cameras) Ø 8.5 mm / 3 m / 0° / 90°	6912 A
HD-Video-Endoscope-Probe (3 Cameras) Ø 7.9 mm / 10 m / 0° / 2 x 90°	11358 A
HD-Video-Endoscope-Probe (3 Cameras) Ø 25 mm / 5 m / 0° / 2 x 90° with roller guide	11419 A
HD-Video-Endoscope-Probe (3 Cameras) Ø 25 mm / 10 m / 2 x 90° with roller guide	11360 A
HD-Video-Endoscope-Probe (swivelling) Ø 6.2 mm / 1.5 m / 180°	11321 A
Video-Endoscope-connection-cable 1.5 m for extending the connection between the Wöhler (HD) Video-Endoscope and the HD-Video-Endoscope-Probes	6931 A
Large protective bag for Wöhler VE series and probes	10185 A
Protection bag for Wöhler VE series and probes	6914 A
Magnetic holder for securely attaching the (HD) video endoscope to magnetic surfaces	6986 A



HD-Video-Endoscope-Probe
Ø 3.9 mm / 1 m
Article no. 6929 A



HD-Video-Endoscope-Probe
Ø 5.5 mm / 1.2 m
Article no. 7787 I



HD-Video-Endoscope-Probe
Ø 9 mm / 3 m
Article no. 7724 I



HD-Video-Endoscope-Probe
Ø 25 mm / 3 m
Article no. 6911 A



HD-Video-Endoscope-Probe (2 Cameras)
Ø 5.5 mm / 1 m / 0° / 90°
Article no. 6928 A



HD-Video-Endoscope-Probe (2 Cameras)
Ø 8.5 mm / 3 m / 0° / 90°
Article no. 6912 A



HD-Video-Endoscope-Probe (3 Cameras)
Ø 7.9 mm / 10 m / 0° / 2 x 90°
Article no. 11358 A



HD-Video-Endoscope-Probe (3 Cameras)
Ø 25 mm / 5 m / 0° / 2 x 90° with roller guide
Article no. 11419 A



HD-Video-Endoscope-Probe (3 Cameras)
Ø 25 mm / 10 m / 0° / 2 x 90° with roller guide
Article no. 11360 A



HD-Video-Endoscope-Probe (swivelling)
Ø 6.2 mm / 1.5 m / 180°
Article no. 11321 A



Large protective bag
for Wöhler VE series and probes
Article no. 10185 A



Protection bag
for Wöhler VE series and probes
Article no. 6914 A

Knowledge base

Qualified · Practice-Oriented · Technological

You have to work with the most diverse standards, rules and regulations daily – who is supposed to remember all this? On our knowledge base you will find compact application knowledge for the professionals about:

- ▶ Measuring
- ▶ Inspection
- ▶ Cleaning



Inspection Knowledge base

Inspection of a duct system with an endoscope

Inspecting your ductwork is a key component to your buildings operation. Upon installation of the duct work, it is important to know that the installation meets both local code and energy efficiency standards. Problems such as collapsed ductwork, closed fire dampers, blockages and more could cost your project time and money. The use of an endoscope is a cost effective way to find potential issues before they become a problem.



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