



# ALWAYS BY YOUR SIDE

## Wöhler HD-Video-Endoscopes

Fast damage detection with our extra small and light endoscopes



## Wöhler HD-Video-Endoscopes

### Nothing remains hidden

With a small, light-weight Wöhler VE endoscope nothing remains hidden from you. Even through the smallest openings you get the full view in every cavity. A Wöhler endoscope protects you from unpleasant surprises through fast & high-quality inspection.

Three endoscopes with a wide range of applications at a low price, matched with a comprehensive range of waterproof HD probes, from the miniature probe Ø 3,9 mm to the 3 m long probe Ø 25 mm for the examination of waste water pipes. By simply pressing a button, the viewing direction of the probes (Ø 5,5 mm and Ø 25 mm) can even be turned 90° to the side. And the best thing is: all probes of the Wöhler VE 320 and VE 400 endoscopes are compatible. The choice of the right endoscope depends on your preferred working method. When inspecting with the Wöhler VE 200 you use your tablet or smartphone as a screen. The endoscope transmits the image data via WLAN. Of course you can save the images and videos on your end device and transmit them from there. If you prefer an endoscope with its own screen, the Wöhler VE 320 or VE 400 is exactly what you need. Here, pictures and videos are shown directly on the large colour display. The screen can even be rotated at the touch of a button. The image files are stored on the SD memory card, in HD-ready quality on the Wöhler VE 320 and even in HD on the Wöhler VE 400.



- Inspection of inaccessible cavities through smallest openings from Ø 6 mm
- Wide range of probes up to 3 m length for many applications
- HD quality or HD-ready quality image
- Lightweight and practical design



Large 5" screen Moisture under the bathtub? With the Wöhler VE 400 the cause is quickly found.



#### Hands free for working

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



View through smallest openings Just a  $\varnothing$  6 mm opening in a tile cross is sufficient to view the installation behind the wall (in the picture Wöhler VE 320).



#### Image rotation at the push of a button

The display can be quickly rotated by 180° for easier navigation. The flexible probe easily passes bends.



Choose your own display

The small Wöhler VE 200 fits in every pocket. It transmits the image and video files via WLAN to your mobile device, if desired also simultaneously to the tablet and the smartphone.



Manage pictures on your smartphone The pictures of the Wöhler VE 200 are also displayed in high quality on the smartphone. From there they can be conveniently sent to your customer, office etc.

#### X Application

HD inspection of:

- inaccessible cavities through smallest openings from Ø 6 mm
- Pre-wall installations, outlets, drain pipes, fireplaces, combustion chambers, fittings
- Inspection openings and fire dampers

#### Functionality

Wöhler VE 320 / 400:

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

Wöhler VE 200:

- Transmission of image and video data via WLAN to Smartphone, Laptop, Tablet, PC
- Can be used simultaneously on several devices
- LED supplementary light on the endoscope to illuminate the inspection area

#### Data management

Wöhler VE 320 / 400:

- Saving image and video files on the internal micro SD memory card
- Transmission of image and video files to PC via SD card or USB cable

Wöhler VE 200:

- Saving image and video files on the mobile device
- Direct sending of pictures and videos via the "share function" of the smartphone / tablet

#### Technical data

Wöhler VE 400 HD-Video-Endoscope

Monitor	Size	5"		
	Resolution	1.280 x 720 Pixel		
	Interfaces	Micro-USB data / Charging port Micro-SD card slot		
HD videoscope probe camera head	Degree of protec- tion	IP 67		
Recording formats	Image file	JPG		
	Video file	MP4		
Power supply	Lithium rechargeable battery			
Battery operating time	4 h			
Detailed technical data can be found under woehler-international.com/P_169.dl				

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#### Technical data

Wöhler VE 320 Video-Endoscope with HD-ready image quality

Monitor	Size	3,5"		
	Resolution	960 x 720 Pixel		
	Interfaces	Micro-USB data / Charging port Micro-SD card slot		
HD videoscope probe camera head	Degree of protec- tion	IP 67		
Recording formats	Image file	JPG		
	Video file	AVI		
Power supply	Lithium rechargeable battery			
Battery operating time	5 – 6 h			
Detailed technical data can be found under				

Technical data Wöhler VE 200 HD-Video-Endoscope Signal transmis-IEEE 802.11 b/g/n WLAN network sion Standard Data transmissiup to 150 Mbit on rate at 802.11 a/b/g/n Degree of protec-IP 67 Endoscope probe camera head tion Recording formats JPG Image file Video file AVI Batteries / NiMh rechargeable batteries Power supply Detailed technical data can be found under woehler-international.com/P 136.dl

## **Product overview**







6920

Wöhler VE 400

Article no.

6935 Wöhler VE 320

Wöhler VE 200 HD-Video-Endoscope

Application		HD-Video-Endoscope	Video-Endoscope	HD-Video-Endoscope	
Cavities through smallest openings from Ø 6 mm (tile cross)			(with optional probe)		
Pre-wall installa	ations, outlets, drain pipes				
Fireplaces, con	nbustion chambers, fittings	· ·			
Inspection oper	nings, fire dampers	•	•		
Features					
Image display	WLAN transmission of the image data to the mobile device				
	Colour monitor 3,5"				
	Colour monitor 5"	•			
Image quality	HD	•			
	HD-ready				
Image rotation possible		•			
Zoom function		•			
Micro SD memory card 32 GB		•	•		
LED supplementary light on device		•	•		
Various probes available					

= included



for Wöhler VE 200 / 320 / 400 and probes for attaching the Wöhler VE 400 HD-Video-Endoscope to magnetic surfaces

#### **Basic sets**







		Wöhler VE 400 HD-Video-Endoscope	Wöhler VE 320 Video-Endoscope	Wöhler VE 200 HD-Video-Endoscope
Scope of delivery	Wöhler VE 400 HD-Video-Endoscope			
	Wöhler VE 320 Video-Endoscope		•	
	Wöhler VE 200 HD-Video-Endoscope			
	HD-Video-Endoscope-probe 0° / 90° Ø 5,5 mm / 1 m	•		
	Video-Endoscope-probe Ø 7,6 mm / 1 m			
	HD-Video-Endoscope-probe Ø 8,5 mm / 1,2 m			
	Lithium rechargeable battery		•	
	Batteries			
	Micro SD memory card 32 GB			
	Micro-USB charging port			
	Micro-SD card slot			
	Video-Endoscope-connection-cable 1,5 m			
	Side tip mirror			
	Magnet (pluggable)			
	Hook attachment			
	Case			
	Article no.	6920	6935	7792

Accessoires for Wöhler HD-Video-Endoscope	Wöhler VE 200	Wöhler VE 320	Wöhler VE 400	Article no.
HD-Video-Endoscope-probe Ø 3,9 mm / 1 m				6929
HD-Video-Endoscope-probe Ø 5,5 mm / 1,2 m				7787
HD-Video-Endoscope-probe Ø 8,5 mm / 1,2 m				7709
HD-Video-Endoscope-probe Ø 9 mm / 3 m				7724
HD-Video-Endoscope-probe Ø 25 mm / 3 m				7789
HD-Video-Endoscope-probe Ø 25 mm / 3 m			•	6911
HD-Video-Endoscope-probe 0° / 90° Ø 5,5 mm / 1 m			•	6928
HD-Video-Endoscope-probe 0° / 90° Ø 8,5 mm / 3 m				6912
Video-Endoscope-connection-cable 1,5 m				6931
Protection bag Video-Endoscope		•		6914
Magnetic holder				6986

### **Order Form**

Product	Article no.	Qty.

#### Notes

Billing address / customer	Delivery address (if different to billing address)		
Company	Company		
Name	Name		
Street / house no.	Street / house no.		
ZIP code / City	ZIP code / City		
Country	Country		
Telephone	Fax		
Mobile	E-Mail		
Customer number			
Date	Signature or		

Your conta	ct			



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