WÖHLER

A UNIQUE VIEW

Wöhler VIS 350 Visual Inspection Camera

Video inspection, position indicator,
home function and locator

Made in Germany

Wöhler VIS 350 Visual Inspection Camera

Intelligent camera head that guides and analyses its surroundings

Video inspection in a case: If you need to inspect waste water pipes, flue gas and ventilation pipes or industrial plants, the Wöhler VIS 350 camera system not only provides you with everything you need – you can also use it to precisely document and even localise damaged areas.

The camera system from Wöhler is compact and safe for transport in a hardshell case. It consists of a 20 m long push rod with reel, a colour camera head with a diameter of 40 mm and a large colour monitor. Two different camera heads can even be connected to the Wöhler VIS 350 Visual Inspection Camera (Ø 26 mm and Ø 40 mm). They enable the inspection of pipes from Ø 40 mm to Ø 200 mm. In addition, there is the typical Wöhler control panel for easy control of the camera head: 360° rotatable, 180° swivelling and with optimum illumination, the camera can inspect the pipe run from all sides. Particularly practical: after the all-round view, the home function automatically aligns the camera angle straight ahead again with just one press of a button. The camera's journey through the pipe section can be recorded as a video. Even 87° bends along the pipe are no obstacle. If a damaged area is detected, a photo can also be quickly taken and saved with the press of a button.

We have mastered the art of pinpointing the affected area, allowing you to conduct the repair with precision. In addition to the meter counter, the position of the head is shown on the display. This is a huge help when dealing with extensive pipe networks. On the screen, you can always clearly see where the top and bottom are and by how many degrees the camera is being moved up or down. Even radio localisation of the camera head is easily possible - with the Wöhler L 200 Locator.

Crystal clear screen

Robust housing

Pan / tilt camera head detachable

87°-bends / DN 40

Video recording

Photo recording

Locator transmitter

NimH battery & charger

Thanks to the optimum illumination of the colour camera head and optional additional lighting, the camera delivers razor-sharp images of the inspection area even in the dark.

In addition to the digital meter counter, the display also shows the position of the head. The home button returns the camera head to its original position.

Advantages

▸ Waterproof, pan & tilt Wöhler camera head with Ø 40 mm – suitable for all-round views in hard-to-reach places

▸ Image and video storage

▸ Built-in radio transmitter facilitates wireless location detection

▸ Electronic meter counter, position and angle display for localising the camera head

▸ Keep your bearings with the home function – the camera head aligns itself automatically

▸ Wide range of applications thanks to quick and easy change of camera heads

⟫ Technical Data

🖵 Monitor

TFT-Display:	7" / 16:9 format
Resolution:	1,024 x 600 px
Power supply:	Space for 2 rechargeable batteries or via power supply unit
Battery operating time:	4 h
Dimensions:	176 x 114 x 32 mm (L x W x H)
Weight:	400 g

◎ Wöhler Pan & Tilt Camera Head Ø 40

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 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 capturing angle diagonal:	145°
Light source:	white LEDs (12 pieces)
Degree of protection:	Water pressure-proof IP 68
Dimensions:	Ø 26 x 38 mm
Transmission frequency Locator:	9.2 kHz

∩ Push Rod

Length:	up to 30 m electronic meter counter
Diameter:	Ø 6.5 mm

⚒ Application

Damage analysis and inspection of:
▸ Waste water pipes from Ø 40 mm
▸ House connections up to Ø 200 mm
▸ Exhaust systems from Ø 56 mm
▸ Air ducts from ventilation systems
▸ Intermediate ceilings, cavities, shafts

⚙ Functionality

▸ CCS-image technology (Crystal Clear Screen)
▸ Waterproof, light-intensive and arc-going colour camera head with Ø 40 mm and 60 mm length
▸ 360° rotatable and 180° swivelling optics – even the smallest defects are not concealed
▸ Storage of recorded videos and photos on the 4 GB SD card
▸ Integrated transmitter in the camera head for localisation with the Wöhler L 200 Locator
▸ Electronic position and angle display of the camera head in the display
▸ Home function for aligning the camera head in a straight position - display parallel to the ground
▸ Electronic meter counter with display on the monitor
▸ Bright TFT colour monitor for brilliant images
▸ Pivoting and removable monitor
▸ Mains-independent operation with a battery operating time of up to 240 minutes with 2 rechargeable batteries
▸ Complete mobile equipment in a robust double-shell case

☁ Data management

▸ Easy recording and storage of photos and videos on the 4 GB SD card for documenting and archiving for you and your customers
▸ Video output

📍 Localisation with Wöhler L 200 Locator (optional)

▸ Integrated transmitter in the camera head enables the exact localisation of the camera head
▸ Pinpoint damage repair on pipelines
▸ Telescopic holder of the locator facilitates localisation 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 camera head of the Wöhler VIS 350 is equipped with a transmitter as standard and can therefore be easily located with the Wöhler L 200 Locator.

Thanks to the plugable Wöhler camera heads, pipes from Ø 40 mm to Ø 200 mm can be easily inspected. This picture shows the Wöhler pan & tilt camera head Ø 40.

87° bends are effortlessly mastered by the colour camera head, which can be rotated 360° and swivelled 180°.

With the 20 m long push rod and the pan & tilt colour camera head, you won't miss a thing, even in the house connection line.

Basic Sets

		Wöhler VIS 350 Visual Inspection Camera	Wöhler VIS 350 PLUS Camera	Wöhler VIS 350 PLUS Camera
Camera head		Ø 40 mm	Ø 40 mm	Ø 40 / 26 mm
Main application	Inspection of:	Waste water pipes, air ducts / exhaust systems	Waste water pipes, air ducts / exhaust systems	Waste water pipes, air ducts / exhaust systems
User		Specialist Tradesmen / Industry / Chimney Sweepers	Chimney Sweepers	Specialist Tradesmen / Industry
Dry environments (Exhaust systems, air ducts, etc.)	from Ø 125 mm	● (1) (5)	● (1) (5)	● (1) (5)
	Ø 100 to Ø 125 mm	●	●	●
	Ø 70 to Ø 100 mm	●	●	●
	Ø 40 to Ø 70 mm			● (4)
Wet environments (Waste water pipes, downpipes, etc.)	from Ø 125 mm	● (2) (5)	● (2) (5)	● (2) (5)
	Ø 70 to Ø 100 mm	● (4)	● (4)	● (4)
	Ø 40 to Ø 70 mm	● (3) (4)	● (3) (4)	● (3) (4)
Intermediate ceilings, cavities, shafts		●	●	●
Scope of delivery				
Wöhler VIS 350 Monitor unit with memory function		●	●	●
TFT Widescreen Colour Monitor and 2 m connection cable (monitor removable)		●	●	●
NiMH Battery (2 pieces) and charger		●	●	●
Wöhler Miniature Camera Head Ø 26, detachable				●
Wöhler Pan & Tilt Camera Head Ø 40		●		
Wöhler Pan & Tilt Camera Head Ø 40, detachable			●	●
Data Storage: 4 GB SD card and mini USB cable		●	●	●
Push Rod Ø 6.5 mm / 20 m		●	●	●
Plastic Domes (5 pieces)		●	●	●
Anti Slide Mat		●	●	●
Complete Plastic Case		●	●	●
Article no.		8792 J	8991 J	8955 J

● = included

(1) when inspecting the exhaust system from above
(2) recommended for water-bearing pipes, as the camera head is waterproof
(3) waterproof according to IP 68 (30 metres for 30 minutes)
(4) Wöhler VIS 350 Visual Inspection Camera additionally with Wöhler miniature camera head Ø 26
(5) accessories required to guide the camera head centrally in the pipe
(6) analogue video output

Accessory Sets

	Wöhler Light Ring / Guidance Set 100	Localisation / Guidance Aid Set	Localisation / Guidance Aid Professional Set 100
Property	for camera head Ø 40 mm	for camera head Ø 40 mm	for camera head Ø 26 / 40 mm
Application	Guiding the camera head and the GRP camera rod in pipes from Ø 100 mm	Guiding the camera head and the GRP camera rod in pipes from Ø 100 mm and exact localisation of the camera head in pipework, floor or ceiling areas	Guiding the camera head and the GRP camera rod in pipes from Ø 40 mm and exact localisation of the camera heads in pipework, floor or ceiling areas
Scope of delivery			
Wöhler Light Ring 26/40, detachable	●		●
Protection Sleeve	●	●	●
Camera Roller Guide	●	●	●
VIS Centering Brush	●	●	●
Plastic Domes (10 pieces)		●	●
Guidance Sleeve			●
Wöhler L 200 Locator		●	●
Cleaning Set in plastic case			
Article no.	7050 J	9096 J	9093 J

● = included

WÖHLER
ACADEMY

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

Camera inspection of ventilation systems

Many of the ventilation systems installed in countless buildings are so dirty they represent a fire and hygiene risk. Video inspection of ventilation systems makes it easier to assess the amount of work involved.

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