

# MODULAR POINT OF VIEW.



## Wöhler VIS 400 Visual Inspection Modular System

### Professional modular Visual Inspection System

The carry strap around your neck and the monitor in front of your chest, one hand guides the pushrod and the other precisely controls the camera head. It is that easy to work with the Wöhler VIS 400 video inspection system. The modular design allows combining the monitor with different camera heads, pushrods or soft cables. The Wöhler VIS 400 is the most versatile camera system: Depending on your application you can build your tailored video inspection system. Recording of still images, videos and voice support you to report your inspections properly. Meter counting, home function, level indication and sonde for radio location are all standard with the most advanced Wöhler VIS 400 video inspection system.



Optimal view even in bright sunlight.



No unnecessary ballast on the roof helps you keep your balance in the most difficult of conditions.



**High light intensity**

The standard illumination of the camera head can be extended by the light ring with a lot of extra light for razor sharp images.



**Localization**

The integrated locator transmitter in the camera heads Ø 26 mm and Ø 40 mm makes exact localization with the L 200 locator simple.



Professionally equipped with camera viper for inspecting underground pipelines.

**Camera Heads**

The modular system Wöhler VIS 400 can be combined with different camera heads:



Wöhler Pan and tilt camera head Ø 40, detachable  
compatible with Wöhler L 200 Locator



Wöhler Miniature camera head Ø 26, detachable  
compatible with Wöhler L 200 Locator

## ⚙️ **Functionality**

- CCS-image technology (Cristal Clear Screen)
- Modular system – all components can be combined for individual needs
- Pan and tilt color camera head with integrated power lighting easily manages bends in the line
- Digital meter counter displayed on the monitor
- Mini USB port for data transfer
- Waterproof camera heads
- Incl. carrying belt and protection bag for monitor

## ✂️ **Wide range of applications**

Analyze damage and visually inspect:

- Flue gas systems
- Building drains, house connections
- Chimneys
- Ductwork

## 📄 **Documentation**

- Integrated video output – simply record and save pictures, videos and voice on a 4 GB SD card for documentation and archiving purposes for you and your customers

## 📍 **Locator (optional)**

- Transmitter integrated in camera head makes it possible to precisely locate the camera head
- Pinpoint damages in pipes for repair
- Telescopic holder makes it possible to locate damage under floors or in ceilings
- Chalk holder with chalk to mark located damage immediately
- Powerful rechargeable battery

## TECHNICAL DATA

### Monitor

TFT-display .....	7" / 16:9 Format
Video out .....	RCA-Signal
Power Supply .....	12 V NiMH rechargeable battery, 2,000 mAh
Battery operating time .....	2 h (battery status in display)
Distance measurement .....	Digital meter counter in conjunction with the camera viper and cable reel
Storage .....	4 GB SD-card (5 h recording capacity)
Interface .....	Mini USB port
Operating temperature .....	0...40 °C
Storage temperature .....	-20...50 °C
Dimensions housing without pouch .....	199 x 196 x 40 mm
Dimensions housing with pouch .....	210 x 210 x 60 mm
Weight .....	Without pouch 1200 g; with pouch 1700 g

### Pan & tilt color camera head Ø 40 mm

Type .....	1/3" COLOR CMOS
Pixels .....	768 x 576 (PAL), 656 x 492 (NTSC)
Lens .....	f = 2.3 mm, F = 2.5
Viewing angle .....	160°
Light source .....	12 white LEDs
Degree of protection .....	Waterproof to IP 67
Dimensions .....	Ø 40 x 60 mm
Operating temperature .....	0...40 °C, RH 95 % MAX
Storage temperature .....	-20...50 °C, RH 95 % MAX

### Miniature camera head, color Ø 26 mm

Type .....	1/3" COLOR CMOS
Resolution .....	420 lines
Pixels .....	768 x 576 (PAL), 656 x 492 (NTSC)
Light sensitivity .....	0.5 Lux
Lens .....	f = 2.3 mm, F = 2.5
Viewing angle .....	115°
Light source .....	12 white LEDs
Degree of protection .....	Waterproof to IP 67
Dimensions .....	Ø 26 x 38 mm
Weight .....	240 g
Operation temperature .....	0...40 °C, RH 95 % MAX
Storage temperature .....	-20...50 °C, RH 95 % MAX
Transmitter frequency .....	8.9 kHz

## Product features

	<b>Wöhler VIS 400 Cable Camera</b>	<b>Wöhler VIS 400 Cable Reel Camera</b>	<b>Wöhler VIS 400 Push Rod Camera</b>	<b>Wöhler VIS 400 Push Rod Camera</b>
<b>FEATURES</b>	Article no. 4442 J	Article no. 4453 J	Article no. 4754 J	Article no. 4759 J
Pan and tilt color camera head Ø 40 mm	•	•	•	•
Detachable camera head	•	•	•	•
Digital meter counter	•	•	•	•
Photo, Video and Voice record	•	•	•	•
Menu	•	•	•	•
Video settings	•	•	•	•
Transmitter / Probe	•	•	•	•
Level indicator	•	•	•	•
Home-Function	•	•	•	•
Camera cable	•			
Camera cable on cable reel		•		
Camera viper with push rod 6.5 mm flexible			•	
Camera viper with push rod 7 mm stable				•

• = included

# Wöhler VIS 400 Cable Camera



## Application

- Top down chimney inspection
- Inspection of vents and flues

## Advantages

- CCS (cristal clear screen)
- Compact – no unnecessary weight on the roof
- Modular system
- Pan & tilt camera head Ø 40 mm
- Picture, video and voice recording
- Light weight – 1.200 g only
- Incl. carrying belt and protection bag

<b>CRYSTAL CLEAR SCREEN</b>	<b>ROBUST HOUSING</b>	<b>Ø 40 mm PAN/TILT COLOR CAMERA HEAD</b>	<b>DETACHABLE HEAD</b>
<b>PHOTO FUNCTION</b>	<b>VIDEO FUNCTION</b>	<b>VOICE RECORDING</b>	<b>USB</b>

Visual Inspection

Features	Wöhler VIS 400 Cable Camera Basic Set	Wöhler VIS 400 Cable Camera Standard Set	Wöhler VIS 400 Cable Camera Professional Set
Wöhler VIS 400 color TFT monitor 7" with 4 GB SD card and power supply	•	•	•
Protection bag with glare protector and shoulder belt	•	•	•
Pan & tilt camera head Ø 40 mm	•	•	•
Light ring for Ø 40 mm head	•	•	•
Camera cable	•	•	•
Power supply	•	•	•
Plastic case	•	•	•
Cable	•	•	•
20 m camera cable	•		
30 m camera cable		•	
50 m camera cable			•
<b>Article no.</b>	<b>4442 J</b>	<b>4454 J</b>	<b>4456 J</b>



# Wöhler VIS 400 Cable Reel Camera



## Application

- Top down chimney inspection
- Inspection of vents and flues

## Advantages

- Perfect for inspections from the roof
- Digital meter counter
- CCS (crystal clear screen)
- Compact – no unnecessary weight on the roof
- Modular system
- Pan & tilt camera head Ø 40 mm
- Picture, video and voice recording

<b>CRYSTAL CLEAR SCREEN</b>	<b>ROBUST HOUSING</b>	<b>Ø 40 mm</b> <b>PAN/TILT COLOR CAMERA HEAD</b>	<b>DETACHABLE HEAD</b>
<b>PHOTO FUNCTION</b>	<b>VIDEO FUNCTION</b>	<b>VOICE RECORDING</b>	<b>USB</b>

Features	Wöhler VIS 400 Cable Reel Camera Basic Set	Wöhler VIS 400 Cable Reel Camera Standard Set
Wöhler VIS 400 color TFT monitor 7" with 4 GB SD card and power supply	•	•
Protection bag with glare protector and shoulder belt	•	•
Pan & tilt camera head Ø 40 mm	•	•
Light ring for Ø 40 mm head	•	•
Camera cable	•	•
Power supply	•	•
Plastic case	•	•
Cable reel	•	•
20 m camera cable	•	
30 m camera cable		•
XXL Alu case	•	•
<b>Article no.</b>	<b>4453 J</b>	<b>4462 J</b>

# Wöhler VIS 400 Push Rod Camera



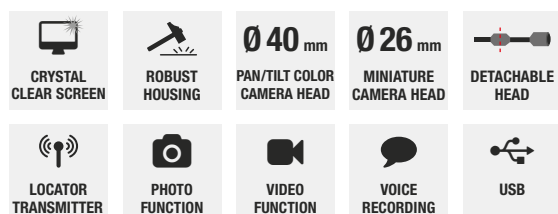
## Application

Analyze damage and inspect:

- Flues from Ø 56 mm
- Chimneys (from bottom up for chimneys up to 14 x 14 cm)
- Air ducts from Ø 50 mm
- Sewers from Ø 70 mm

## Advantages

- CCS (cristal clear screen)
- Modular system
- Watertight pan & tilt camera head Ø 40 mm
- Picture, video and voice recording
- Electronic meter counter
- Flexible push rod
- Extra light ring for bright illumination



Features	Wöhler VIS 400 Push Rod Camera Basic Set	Wöhler VIS 400 Push Rod Camera Standard Set	Wöhler VIS 400 Push Rod Camera Professional Set
Wöhler VIS 400 color TFT monitor 7" with 4 GB SD card and power supply	•	•	•
Protection bag with glare protector and shoulder belt	•	•	•
Pan & tilt camera head Ø 40 mm	•	•	•
Light ring for Ø 26 / 40 mm camera head	•	•	•
10 replacement plastic domes	•	•	•
Roller guide	•	•	•
Camera head protection cage with cut-out	•	•	•
Viper with push rod	•	•	•
Plastic case	•	•	•
XXL Alu case	•	•	•
Ø 6.5 mm push rod	•	•	•
20 m push rod	•		
30 m push rod		•	•
Ø 26 mm miniature camera head			•
Article no.	4754 J	4755 J	4758 J

# Wöhler VIS 400 Push Rod Camera



<b>CRYSTAL CLEAR SCREEN</b>	<b>ROBUST HOUSING</b>	<b>Ø 40 mm</b> PAN/TILT COLOR CAMERA HEAD	<b>DETACHABLE HEAD</b>	<b>LOCATOR TRANSMITTER</b>
<b>PHOTO FUNCTION</b>	<b>VIDEO FUNCTION</b>	<b>VOICE RECORDING</b>	<b>USB</b>	



## Application

Analyze damage and inspect:











- Flues from Ø 80 mm
- Chimneys (from bottom up for chimneys up to 14 x 14cm)
- Air ducts
- Sewers










## Advantages














- CCS (cristal clear screen)
- Modular system
- Watertight pan & tilt camera head Ø 40 mm
- Picture, video and voice recording
- Electronic meter counter
- Flexible push rod
- Extra light ring for bright illumination
- Stable push rod















Features	Wöhler VIS 400 Push Rod Camera Basic Set	Wöhler VIS 400 Push Rod Camera Standard Set
Wöhler VIS 400 color TFT monitor 7" with 4 GB SD card and power supply	•	•
Protection bag with glare protector and shoulder belt	•	•
Pan & tilt camera head Ø 40 mm	•	•
Light ring for Ø 40 mm head	•	•
10 replacement plastic domes	•	•
Roller guide	•	•
Camera head protection cage with cut-out	•	•
Viper with push rod	•	•
Plastic case	•	•
XXL Alu case	•	•
Ø 7 mm push rod	•	•
20 m push rod	•	•
30 m push rod		•
Article no.	4759 J	4760 J



Monitor		Article no.
	<b>Wöhler VIS 400 Color Monitor</b> Scope of delivery Wöhler VIS 400 color monitor, protective bag with glare shield and shoulder belt, Mini-USB-cable, 4 GB SD-Card, power supply, plastic case	4781 J
Wöhler VIS Camera Heads		Article no.
	<b>Wöhler Camera Head Ø 26 mm</b> colour detachable, flexible connection to the camera rod with leather protection bag	8920 J
	<b>Wöhler Camera Head Ø 40 mm</b> colour detachable, pan and tilt, flexible connection to camera rod with leather protection bag	8930 J
Domes for Wöhler VIS Camera Heads		Article no.
	<b>Replacement Plastic Domes</b> for Camera Head Ø 40mm 10 pcs.	3675 J
	<b>Glass Dome</b> for Camera Head Ø 40 mm	3674 J
Protection Sleeves		Article no.
	<b>Protection Sleeve</b> for Camera Head Ø 40 mm with cut-out	2641 J
	<b>Guidance Sleeve</b> for Camera head Ø 26 mm	3827 J
	<b>Guidance Sleeve with protection cage</b> for camera head Ø 26 mm	3847 J
Telescope		Article no.
	<b>Wöhler Telescopic Tube</b> 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
	<b>Wöhler Telescopic Tube</b> 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

Cable Reel		Article no.
	<b>Cable reel</b> with digital meter counter	
	20 m camera cable	6310 J
	30 m camera cable	4166 J
	<b>Wöhler Camera Cable</b> with metric marking	
	20 m	9172 J
	30 m	7812 J
	50 m without metric marking	7845 J
	<b>Wöhler Extension cable</b> with metric marking	
	30 m	8048 J
10 m	8636 J	
30 m	8048 J	
Camera Vipers		Article no.
	<b>Wöhler Camera Viper</b> Ø 6 mm with digital meter counter, belt holder and stand	
	20 m push rod	7308 J
	30 m push rod	7336 J
	<b>Wöhler Camera Viper</b> Ø 6.5 mm with digital meter counter, belt holder and stand	
	20 m push rod	7302 J
	30 m push rod	7301 J
	<b>Wöhler Camera Viper</b> Ø 7 mm with digital meter counter, belt holder and stand	
	20 m push rod	7309 J
	30 m push rod	7307 J
Accessories		Article no.
	<b>Lowering aid</b> for camera cable & ropes extendable from 22 – 40 cm	5706 I
	<b>Power Supply</b> approx. charge time 3 hours, EU-adaptor only	3789 K
	<b>Power Supply</b> approx. charge time 3 hours, with adaptors for all countries	4798 K
	<b>Car charger</b> 18 V for all VIS with 7" display	3169 J

Components for Wöhler VIS Camera Heads Ø 26 mm		Article no.
	<b>Guidance set 70</b> for camera head Ø 26 mm guidance sleeve with protection cage (art.3847), centering brush (art.3850)	3883 J
	<b>Guidance Sleeve</b> for camera head Ø 26 mm	3827 J
	<b>Guidance Sleeve with protection cage</b> for camera head Ø 26 mm	3847 J
	<b>Wöhler VIS Centering Brush</b> for all camera rods, can be fixed directly behind the camera head Ø 20 cm	3850 J
	<b>Wöhler Light Ring 26/40, detachable</b> for detachable camera heads Ø 26 mm and Ø 40 mm with 18 white LEDs, Ø 53 mm outer	8894 J
Components for Wöhler VIS Camera Heads Ø 40 mm		Article no.
	<b>Guidance set 100</b> for camera head Ø 40 mm protection sleeve with cut-out (art. 2641) , roller guide (art.3681) and centering brush (art.3854)	4240 J
	<b>Protection Sleeve</b> for Camera Head Ø 40 mm with cut-out	2641 J
	<b>Camera Roller Guide</b> suitable for camera heads and rods	3681 J
	<b>Wöhler Centering Brush</b> for all camera rods, can be fixed at any position of the camera rod Ø 20 cm	3854 J
	<b>Wöhler Light Ring 26/40, detachable</b> for detachable camera heads Ø 26 mm and Ø 40 mm with 18 white LEDs, Ø 53 mm outer	8894 J
	<b>Relining Adapter</b> for VIS 3xx (only detachable version) and VIS 400 for reverse view	6888 J
	<b>Glass Dome</b> for Wöhler camera head Ø 40 mm	3674 J
	<b>Replacement Plastic Domes (10 pcs.)</b> for Wöhler camera head Ø 40 mm	3675 J

Components for all Wöhler VIS Camera Heads		Article no.
	<b>Wöhler L 200 Locator</b> scope of delivery: Wöhler L 200 Locator, plastic case, USB power supply with micro USB cable, grease crayon (12 pcs. box, yellow), telescopic rod, headphones	7430 J
	<b>Wöhler VIS Camera Trolley set</b> consisting of Wöhler VIS Camera Trolley, camera head holder, storage bag, stabilization sleeve for light ring 26/40, stabilization sleeve for adaptation of push rods with threaded connection M10	4753 J
	<b>Camera Spring Guide</b> for camera cables prevents the camera head from turning and swinging inside the chimney	7092 J
	<b>Camera Holder</b> for reverse view	3720 J
	<b>Stabilization Sleeve</b> Ø 35 x 82 mm; to stabilize the connection between camera push rod and camera head	3590 J
	<b>Stabilization Sleeve</b> Ø 35 x 107 mm; to stabilize the connection between camera push rod and camera head	3591 J
	<b>Guidance Weight</b> to let down the camera head (e.g. in a chimney) 740 g, stainless steel	3857 J
	<b>Guidance Ball</b> for flex part of camera push rod, improves ability to go through bends	3634 J
	<b>Centering Brush</b> for all camera rods, can be fixed directly behind the camera head Ø 20 cm	3850 J
	<b>Centering Brush</b> for all camera rods, can be fixed at any position of the camera rod Ø 20 cm	3854 J
	<b>Centering Brush Extension</b> to extend centering brush (art. 3854) Ø 20 cm	3853 J
	<b>Stabilization Tube</b> to connect centering brush art. 3854 & extension art. 3853	21736 J
	<b>Spare Brushes</b> for centering brush 24 pcs.	3858 J
Cleaning Sets		Article no.
	<b>Wöhler VIS Cleaning set</b> in plastic case for approx. 50 applications scope of delivery: 1 liter disinfection spray, 50 cleaning tissues, 100 disposable gloves size XL (powder free), 200 ml lubricant, plastic case	4725 I
	<b>Wöhler VIS Cleaning set</b> in plastic bag for approx. 50 applications scope of delivery: 1 liter disinfection spray, 50 cleaning tissues, 100 disposable gloves size XL (powder free), 200 ml lubricant, plastic bag	4726 O