WÖHLER

MODULAR POINT OF VIEW

Wohler VIS 400 Visual Inspection Modular System

Professional Visual Inspection System

The Measure of Technology

Made in Germany

CRYSTAL
CLEAR SCREEN

ROBUST
HOUSING

1" dia.
MINIATURE
CAMERA HEAD

1.5" dia.
PAN/TILT COLOR
CAMERA HEAD

2" dia.
PAN/TILT COLOR
CAMERA HEAD

DETACHABLE
HEAD

LOCATOR
TRANSMITTER

PHOTO
FUNCTION

VIDEO
FUNCTION

VOICE
RECORDING

USB

Wohler VIS 400 Visual Inspection Modular System

A camera system that keeps you in the picture and sharpens your awareness

With the strap around your neck and the monitor in front of your chest, one hand guides the camera cable, the other precisely controls the camera head via the Wohler keypad. The new Wohler VIS 400 Visual Inspection System is designed for ease of use while doing either vertical inspections while standing on steep roofs.

Modular by design, it is possible to combine the Wohler VIS 400 Visual Inspection System with a variety of camera vipers, camera cables and camera heads. For instance, simply connect either the Wohler 2" dia or the 1 1/2" dia pan & tilt camera head to carry out a variety of inspections. Both of these cameras pan 360 and tilt 180 while offering the best possible lighting. After panning and tilting, the home function automatically aligns the angle of the 1 1/2" dia color camera to straight ahead with a simple push of a button.
View, speak and save
The Wohler VIS 400 will make a video recording of the inspected line run. When damage is discovered,

begin the voice recording function to annotate the recording. As well as recording video, you may also take and save still photos at the press of a button.
Knowing where really matters
To be able to assess and specifically target repair work, we at Wohler have perfected the technique of precisely locating the camera head. The distance and the position of the head are displayed on the monitor. The top and bottom of the pipe are displayed on the monitor at all times, even if the camera is being guided up or down or if it is moving left or right. It is even possible to locate the 1 1/2" dia color camera head wirelessly – utilizing the new Wohler L 200 Locator.

ADVANTAGES

- Perfect for either vertical or horizontal inspections

- Adjustable LED lighting

- Modular system – to choose individual components to suit application requirements

- Compact and easy to use – 3 lbs featherweight

- Includes carry strap and protective pouch with anti-glare protection

Modular System Design

Put your camera system together to suit your requirements and wishes.
Select your components from the list below and more:

Wohler VIS 400 Cable Reel Camera

Camera Heads

2" dia color camera head, pan- & tiltable

1 1/2" dia color camera head, pan- & tiltable

1" dia color camera head for smaller pipe diameters

Wohler VIS 400 Push rod Camera

Application examples with 2" dia camera head

Detachable Wohler Supplementary light for 2" dia color camera head

Overview of Functions

Digital meter counter

For precision length orientation in conjunction with the Wohler camera viper and cable reel

Pan & Tilt Camera Head 2" dia

Includes selectable LED illumination Pan & Tilt controlled via arrow keys

Lighting

Adjust the brightness of the camera head lighting via the dimming function

Battery status

2 hours of rechargeable battery operation for lasting mobility

Playback

Starts or ends a video or photo playback

Eyelets

To secure wrist and shoulder straps

Menu

A variety of user-definable settings

Video output

To transmit the video signal to an external monitor

Photo, video and voice recording

Capture images and voice annotations of what you see

USB port

For data transfer

Shift

Activates the key functions which are represented by the green symbols on the keypad

Delete

Delete an image or video, switch the camera on/off or reset the meter counter to zero

SD card

Recorded data is stored on a 4 GB SD card

✕ Applications

Analyze damage and visually inspect:

· Flue gas systems, chimneys

· Building drains, house connections

· Ventilation systems

⚙ Functionality

· Modular system – components are modular by design to support extensive expansion options

· Pan & Tilt color camera heads with integrated power lighting easily negotiate bends in the line

· Digital meter counter with a resolution of 0.10 ft, displayed on the monitor (with Wohler camera viper or cable reel)

· Mini USB port for data transmissions

⚠ Data management

Integrated video output – simply record and store photos, videos and voice annotations on a 4 GB SD card for documentation and archiving purposes for you and your customers.

TECHNICAL DATA

Monitor

TFT display	7" / 16:9 format
Video out	FBAS 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 (2.5 h recording capacity)
Interface	Mini USB port
Operating temperature	32...104 °F
Storage temperature	-4...122 °F

Dimensions housing

without pouch	8" x 8" x 2"

Dimensions housing

with pouch	9" x 9" x 3"
Weight	Without pouch 3 lbs; with pouch 4 lbs
Connection, stand	Standard

Monitor anti-glare protection ensures optimum viewing even in the glare of the sun.

Professionally equipped with camera viper for inspecting underground pipelines.

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

Kit and Accessories

Sets Wohler VIS 400	Qty
Wohler VIS 400 Standard Kit **Comes with:** Wohler 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 2" dia, camera cable 100 ft., power supply, plastic case **P/N 4133**	
Wohler VIS 400 Push Rod Camera **Comes with:** Wohler VIS 400 color monitor NTSC with leather bag and shoulder belt, pan & tilt color camera head 2" dia, stabilization sleeve for color camera head, 4 GB SD card, camera roller guide with protection cage, camera viper with 100 ft. push rod 0.3" dia, aluminium case XXL **P/N 4152**	
Wohler VIS 400 Cable Reel Camera **Comes with:** Wohler VIS 400 color monitor NTSC with leather bag and shoulder belt, cable reel with integrated distance measurement (resolution 2" shown on screen), connection cable for reel and monitor, 4 GB SD card, pan&tilt color camera head 2" dia with camera holder, replacement glass dome for camera head, camera cable 100 ft. with metric marking, aluminium case XXL **P/N 4153**	
Wohler VIS 400 Monitor only **Comes with:** Wohler VIS 400 color monitor NTSC in heavy duty carrying case, protective bag with glare shield and shoulder belt, 4 GB SD card, power supply **P/N 4781**	

Accessories	Qty
Plastic domes Wohler VIS 400 Camera Head pack of 5 pieces **P/N 7075**	
Wohler Replacement Glass Dome for pan & tilt camera heads Wohler VIS 2000 ^{PRO} / VIS 400 color and b/w **P/N 7802**	
Wohler Camera Holder faces down **P/N 3720**	
Wohler VIS Guidance Set 110 for pan and tilt camera head: camera roller cage with protection cage and stabilization sleeve with star holder **P/N 3881**	
Wohler Stabilisation sleeve aluminium for 2" dia pan and tilt camera heads; for use with camera cable: head can be pushed upwards with GRP Rods **P/N 22182**	
Wohler Telescopic Tube with flexible gooseneck for camera heads Wohler VIS 400 / VIS 2000 ^{PRO} and Wohler miniature camera heads, length of the telescopic tube 0.9 ...1.6 m plus gooseneck 0.3 m. The flex and stay gooseneck remains in a bent position allowing for easy inspection **P/N 7005**	
Wohler VIS Cleaning Set with plastic case, for approx. 50 applications 1 liter desinfection spray, 50 cleaning tissues, 100 disposable gloves size XL (powder free), 6.76 ounce lubricant, plastic case **P/N 4725**	
Wohler VIS Cleaning Set Refill for approx. 50 applications 1 liter desinfection spray, 50 cleaning tissues, 100 disposable gloves size XL (powder free), 6.76 ounce lubricant, in plastic bag **P/N 4726**	
Wohler Supplementary Light for Wohler Camera Head, 2" dia Wohler Supplementary Light - detachable **P/N 4194**	

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