

**WÖHLER**

“SEE IT” - The Revolution in Visual Inspection Technology

# Wohler VIS 320 / VIS 330 PATENT PENDING



*The Measure of Technology*

Made in  
Germany

# Wohler VIS 320 / VIS 330

## Pan & Tilt miniature camera provides all-encompassing view

This advanced camera system sheds light in the dark. The articulating eye of the full color camera head lets you take a close look at pipes, air ducts, chimneys, vents, cracks, welding seams, gaskets and manholes. The super bright wide screen TFT monitor provides brilliant picture quality.

The waterproof 1 1/2" (40 mm) camera always fits. With its 180° pan- and 360° tiltable camera head, it gives you an inside view into drainage pipes, air ducts and intermediate ceilings.

The innovative design provides super bright lighting and simple operation, all in one heavy duty carrying case.

A crystal clear picture appears on the wide screen TFT monitor so you identify prob-

lems before they occur. The Wohler VIS 3xx Advanced Camera System comes standard with a built in RCA video output for documentation on a VCR or other electronic devices. The state-of-the-art NiMH battery packs provide 1.5 hours continuous operation. The power supply offers simultaneous operation and battery recharging.



### Battery Indicator

Shows the charging condition of the battery

### Digital Distance Measurement

On-screen display of the unwheeled GRP-rod length to locate the camera head (VIS 330)

### 2 high power batteries

2 NiMH rechargeable batteries (12 V) provide 1.5 hours of continuous operation. The main battery is charged right in the heavy duty carrying case.

### Color monitor

The high resolution wide screen 16:9 TFT monitor provides brilliant picture quality and is both tilt- and removable.

### Keypad

Extra-large keys for menu navigation and simple control of the camera head

### Pan- and tiltable camera head

Easy and accurate inspection by a pan and tilt camera head (180° and 360°)

### Rugged heavy duty carrying case

Camera monitor and accessories are all boxed in a heavy duty carrying case, bringing all the rugged durability you have come to expect from Wohler products.

# Exploring new Dimensions

## Technical Data

### Monitor

Size housing:	7" x 4.5" x 1.3"
TFT-Display:	7" / 16:9 format
Video-Out:	FBAS
Weight:	1 lbs

Current supply	2 x 12 V batteries or mains supply
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Battery lifetime	appr. 1.5 hours
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### Miniature camera head color

Sensor type:	1/3" COLOR CCD
Sensitivity:	0.5 Lux
Lens system:	f = 0.08", F = 2.4
Field of view:	120°
Light source:	12 white LEDs
Protection:	waterproof according to IP 68
Size:	Ø 1.5" x 2.4"

### Rod

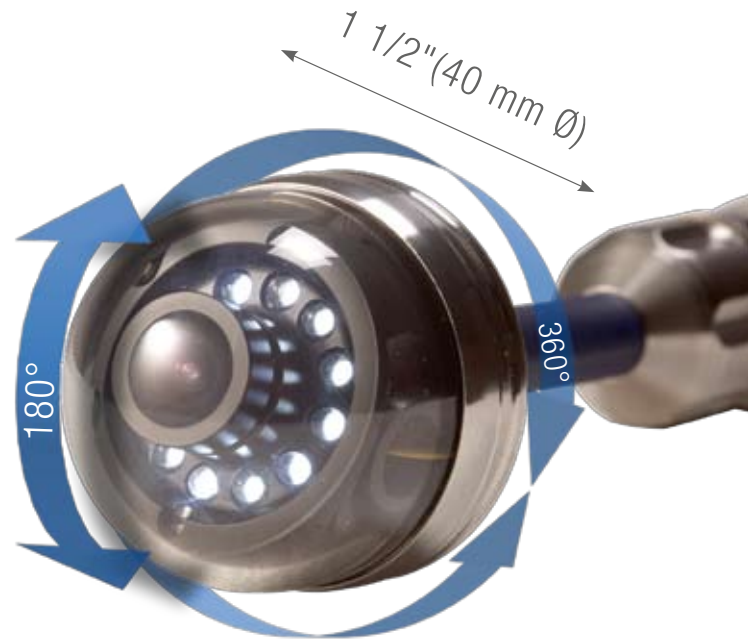
Length:	65 ft (VIS 320) 100 ft (VIS 330)
Diameter:	0.26"

### Length Measurement

Wohler VIS 330:	electronic distance measurement
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### Heavy duty carrying case

Size:	20" x 17" x 7" (l x w x h)
Weight:	18 lbs



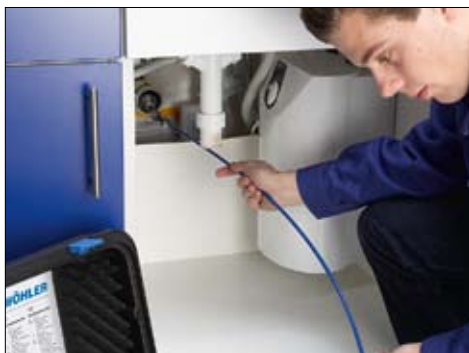
## The camera head: Features at a glance

- **All-encompassing:** 360° pan- and 180° tiltable camera eye
- **Small dimensions:** The camera head measures 1 1/2" (40 mm) diameter and 2 1/3" (60 mm) in length.
- **Waterproof:** fully encapsulated waterproof camera head with exchangeable dome
- **Flexible:** 90°-bends are easily negotiable for the camera.
- **Super bright lighting:** The LED lighting of the camera head gives crystal clear pictures, even in dark environments.
- **Exact location:** digital distance measurement with a resolution of 0.05 ft (VIS 330)
- **Versatile applications:** The Wohler VIS 3xx Advanced Camera System is the essential tool to determine problems.

# One system – many applications

## Utilities and Supplies

New possibilities to inspect pipework, drains and sinks



## Commercial & Residential building inspection

Detection of problems in hollow spaces, intermediate ceilings, ductwork and chimneys



## Industrial appliances

Inspection of machines, control panels, exhaust systems and production surveillance



# Wohler VIS 3xx Sets and Accessories



qty.	Sets Wohler VIS 320 / VIS 330	P/N
	<b>Wohler VIS 320</b> in a heavy duty carrying case with pan- and tiltable camera head 1 1/2" Ø (40 mm), TFT wide screen monitor and 6 ft (2 m) connection cable (removable monitor), 65 ft (20 m), 1 anti-slide mat, 2 batteries and power supply	3692
	<b>Wohler VIS 330</b> in a heavy duty carrying case, with pan- and tiltable camera head 1 1/2" Ø (40 mm) (detachable), TFT wide screen monitor and 6 ft (2 m) connection cable (removable monitor), 100 ft (30 m) rod, digital distance measurement, 1 anti slide mat, 2 batteries and power supply	3683
	<b>Components</b>	
	<b>Wohler VIS Guidance Set 110</b> consisting of: protection sleeve, roller cage and centering star	3884
	<b>10 Wohler Replacement Polycarbonate Domes</b> for pan- and tiltable camera head 1.5" Ø	3675
	<b>Wohler Glass Dome</b> for pan- and tiltable camera head 1.5" Ø	3674
	<b>Wohler Anti-Slide-Mat</b> prevents the camera case from sliding on the floor, 12" x 5"	56037
	<b>Wohler Stabilization Ball</b> to stabilize the flexible joint of the camera head	3634
	<b>Wohler VIS Centering System Brush Extension</b> 8" Ø with 6 brushes, with inner & outer thread, for endless extension	3853
	<b>Wohler VIS Stabilization Tube</b> extension for camera guidance system, 1.4" x 3.0" Ø POM black	21736
	<b>Wohler Guidance Weight Stainless Steel</b> 1.7 lbs, for top to bottom inspections	3857
	<b>Wohler VIS Centering Star</b> 8" Ø with 6 brushes, with thread, centers the GRP camera rod, to guide the camera head	3854
	<b>Wohler Protection Sleeve</b> for camera head 1.5" Ø	3682
	<b>Wohler Camera Roller Guide</b> for pan- and tiltable camera head 1.5" Ø	3681
	<b>Wohler Quick Charger</b> 110 V / 60HZ	53649

Your dealer:

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