

A FEW PRACTICAL BENEFITS:

Development, design, production:
100 % Trotec

Portable, light and robust
compact systems

Easy handling

Recording photos and videos

Camera head infinitely bendable
to all directions

LED technology – less power consumption
and heat production than
with conventional lighting systems

Wide VGA LCD display for an
outstanding image quality –
VSC206 with VGA LCD

Robust, multi-walled probe for
maximum flexibility with simultaneously
high torsional strength

Fast USB connection and
analogue video output

Videoscopes of the VSC series

For indirect visual inspection and documentation

**Exclusively
at Trotec!**



**Finally one software for basically
all measuring devices:**

MultiMeasure Studio Professional

Along with the ever-growing number of fully compatible Trotec measuring devices this software is also suited for use with the partially compatible VSC videoscopes – you can even benefit from this software in case of isolated devices, for it enables the analysis and administration of all measuring projects and customer data across multiple devices in a single application!

**Create professional measurement
reports in next to no time!**

The unique report generating function of MultiMeasure Studio Professional already comes with completely formulated boilerplate texts for the fields of building diagnostics, moisture measurement, leak detection and thermography.

*More information can be found
starting on catalogue page 52...*

**Extremely portable, robust and visually impressive –
the Trotec VSC series features some of the most versatile and handy video endoscopes
for professional applications on the market**

VSC206 and VSC3008 are consistently geared to prove themselves in tough everyday industrial applications and provide you with all the functions and system advantages required for quick and significant test results.



The robust and compact integral systems do not need any additional components and enable the easy accessibility of your test objects. Six dimmable high-performance LEDs ensure

brilliantly illuminated image results on the large TFT LCD that can be recorded as video or individual images.

The hardwearing construction with robust workmanship and the extreme flexibility of the oil-resistant IP67 probes, rotatable by 360°, enable applications in all industry sectors ranging from routine inspections or quality-assurance reviews to the investigation of the causes of unexpected failures.



Whether it's a new model you are looking for or a reconditioned one, whether you are thinking of buying or leasing – Trotec provides you the ideal solution for every demand: Visit the Trotec Shop to find out more about great deals on our new products, our super special offers and our wide selection of demonstration, reconditioned and specially-priced products. For more information go to www.trotec.com or directly use the QR Code.

VSC3008 – Visual inspection in perfection

This professional industrial videoscope makes indirect visual inspections become a simple finger exercise: No cables, no case – nothing but superb image quality in a robust and lightweight compact device.

With a weight of only 400 g, the hand-held control unit easily enables longer applications without tiring. Its probe, bendable to all sides, can be steplessly controlled via the joystick and with its titanium-coated camera head enables perfect panoramic views of the inspection area.



Extremely versatile probing

The VSC3008's multi-ply construction of tungsten wire mesh and PU on a flexible steel spiral ensures maximum range of motion with simultaneously high torsional strength of the push probe.

The powerful multiple LED light source with variable brightness control yields exactly the sharp, detailed images you need for meticulous working.

Excellent image quality

The inspection images and videos can be viewed on the brilliant Wide VGA LCD display of the VSC3008 and, in the optional WLAN configuration, also via live synchronization on a connected smartphone or tablet.

Thanks to the robust ABS housing the VSC3008 withstands even the harshest of conditions in industrial surroundings, and cushioning materials at critical spots prevent impact damages as well as the infiltration of dust and splashing water – ideal prerequisites for reliable everyday usage.

The VSC3008 unites wireless operation with razor-sharp videos and digital images in a mobile, user-friendly compact system, providing simple access to the test object. Individual images or complete videos can be stored on an SD card in an uncomplicated manner.

The industrial videoscope VSC3008 is supplied ready for use in a robust hard-shell carry case including power adapter, batteries, battery charger, SD card and cleaning cloth.



Industrial videoscope VSC3008

- Hand-held, light and robust compact system
- Camera head infinitely bendable to all directions
- LED technology – less power consumption and heat production than with conventional lighting systems
- Recording photos and videos
- Wide VGA LCD display for an outstanding image quality
- Robust, multi-walled probe for maximum flexibility with simultaneously high torsional strength
- Fast USB connection and analogue video output
- Live video synchronisation onto a connected smartphone via WLAN
- Easy handling



With the VSC3008 photos and videos can optionally also be transmitted in real time via a wireless connection to your mobile device serving as second live screen.

Trotec

Temperature

Multi-function

Climate

Moisture

Data loggers

Software

Emission

Air Flow

Optical inspection

Leak detection

Tracing and detection

Planning and survey

← *Videoscopes of the VSC series – further information ...*

VSC206 – Always in the picture when it comes to indirect visual inspections

The industrial videoscope VSC206 unites wireless operation with razor-sharp videos and digital images in a mobile, user-friendly compact system, providing simple access to the test object.

The VSC206 features a robust, protector-equipped ABS housing providing equal protection from impact damage and the infiltration of dust or splashing water. Ideal prerequisites for the rough conditions of industrial applications.



Clear vision guaranteed – even in a tight corner

The probe of the VSC206, bendable to all sides, can be steplessly controlled via the joystick and with its titanium-coated camera head enables perfect panoramic views of the inspection area.

Its multi-ply construction of stainless steel wire mesh and PU on a flexible steel spiral ensures maximum range of motion with simultaneously high torsional strength of the push probe.

6 white LEDs with variable brightness control ensure sharp, detailed images that can be shown on the brilliant VGA display of the VSC206 and saved for documentation purposes either as video or individual image on an SD card.



The industrial videoscope VSC206 is supplied ready for use in a robust carry case including power adapter, batteries, battery charger, SD card and cleaning cloth.



Industrial videoscope VSC206

- Hand-held, light and robust compact system
- Camera head infinitely bendable to all directions
- LED technology – less power consumption and heat production than with conventional lighting systems
- Recording photos and videos
- VGA LCD display for an outstanding image quality
- Robust, multi-walled probe for maximum flexibility with simultaneously high torsional strength
- Fast USB connection and analogue video output
- Easy handling

Our recommendation: Indirect visual inspections – the thermographic way

You would like to detect and document concealed thermal processes?

Using the IC080VS, even those kind of applications are no problem, for the measuring device combines the radiometric vision of an infrared camera with the application flexibility of a slim endoscopic probe.

More information regarding the IR videoscope IC080VS can be found starting on catalogue page 20...



Technical data		VSC206	VSC3008	
Article number		3.510.009.630	3.510.009.640	Trotec
System	Type of lighting	6 white LEDs (colour temperature 5,000 to 6,500 K)	6 white LEDs (colour temperature 5,000 to 6,500 K)	Temperature
	Luminous intensity	40,000 lux	50,000 lux	
	White balance	Default setting ex works	4 setting options (automatic, sunlight, clouded, artificial light)	
	Brightness control	Manually adjustable	Manually adjustable	Multi-function
	LCD display	3.5-inch TFT LCD (640 x 480 px [VGA])	4.3-inch TFT LCD (800 x 480 px [Wide VGA])	
	Joystick control	Probe bending	Probe bending, menu access and navigation	Climate
	Keys	Access to user functions, illumination, video, camera head fixing	Access to user functions, illumination, video, camera head fixing	
	Interfaces	USB, analogue video (PAL/NTSC)	USB, analogue video (HDTV)	Moisture
	Memory	Slot for removable SD card (max. 32 GB)	Slot for removable SD card (max. 32 GB)	
	File formats	JPEG image format, AVI video format	JPEG image format, AVI video format	Data loggers
	Power supply	4 x LR6 AA, 1.5 V batteries or power adaptor	5 V lithium polymer battery pack or power adaptor	
	Operating time	≤ 2 h	> 4 h	Software
Probe	Dimensions	Length 2 m, ø 6 mm	Length 3 m, ø 8 mm	
	Design	Exterior: stainless steel wire mesh for high torsional strength, inner layer: polyurethane on steel spiral	Exterior: tungsten wire mesh for high torsional strength, inner layer: polyurethane on steel spiral	
	Articulation	up / down / left / right ≈ 120°	up / down / left / right ≈ 120°	
	Type of protection	IP67, oil-resistant	IP67, oil-resistant	
Camera	Image sensor	CMOS	CMOS	Emission
	Resolution	350,000 pixels	440,000 pixels	
	Field of vision	90°	130°	
	Camera head	Stainless steel with titanium coating	Stainless steel with titanium coating	
	Zoom	5x digital	3x digital	
Control software	Operator guidance	Simple interactive menu control	Simple interactive menu control, menu navigation via joystick	Air Flow
	Available menu languages	German, English, French	German, English, French, Dutch, Italian, Turkish, Spanish, Russian, Danish	
	Software functions	System settings, video settings, memory functions	System settings, video settings, display settings (brightness, contrast etc.), memory functions	Optical inspection
	System functions	–	Live video synchronisation onto a connected smartphone via WLAN *	
Surrounding conditions	Temperature	-10 °C to +50 °C	-10 °C to +50 °C	Leak detection
	Humidity	< 90 % RH	< 90 % RH	
	Type of protection (housing)	IP54	IP54	
Physical characteristics	Construction	ABS housing with integrated bumpers	ABS housing with integrated bumpers	Tracing and detection
	Dimensions	265 x 100 x 125 mm	410 x 154 x 80 mm	
	Weight	590 g (incl. batteries)	960 g (incl. batteries)	
Scope of delivery	Standard	Videoscope, carry case, power adaptor, batteries, battery charger, SD card, cleaning cloth	Videoscope, carry case, power adaptor, batteries, battery charger, SD card, cleaning cloth	Planning and survey
	Optional	–	WLAN interface	

* function only available for VSC3008 equipment with optionally available WLAN interface