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ООО "Энерджи Девелопмент"

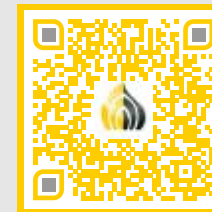
Compact, high-strength and ultra-portable videoendoscope COANTEC C40



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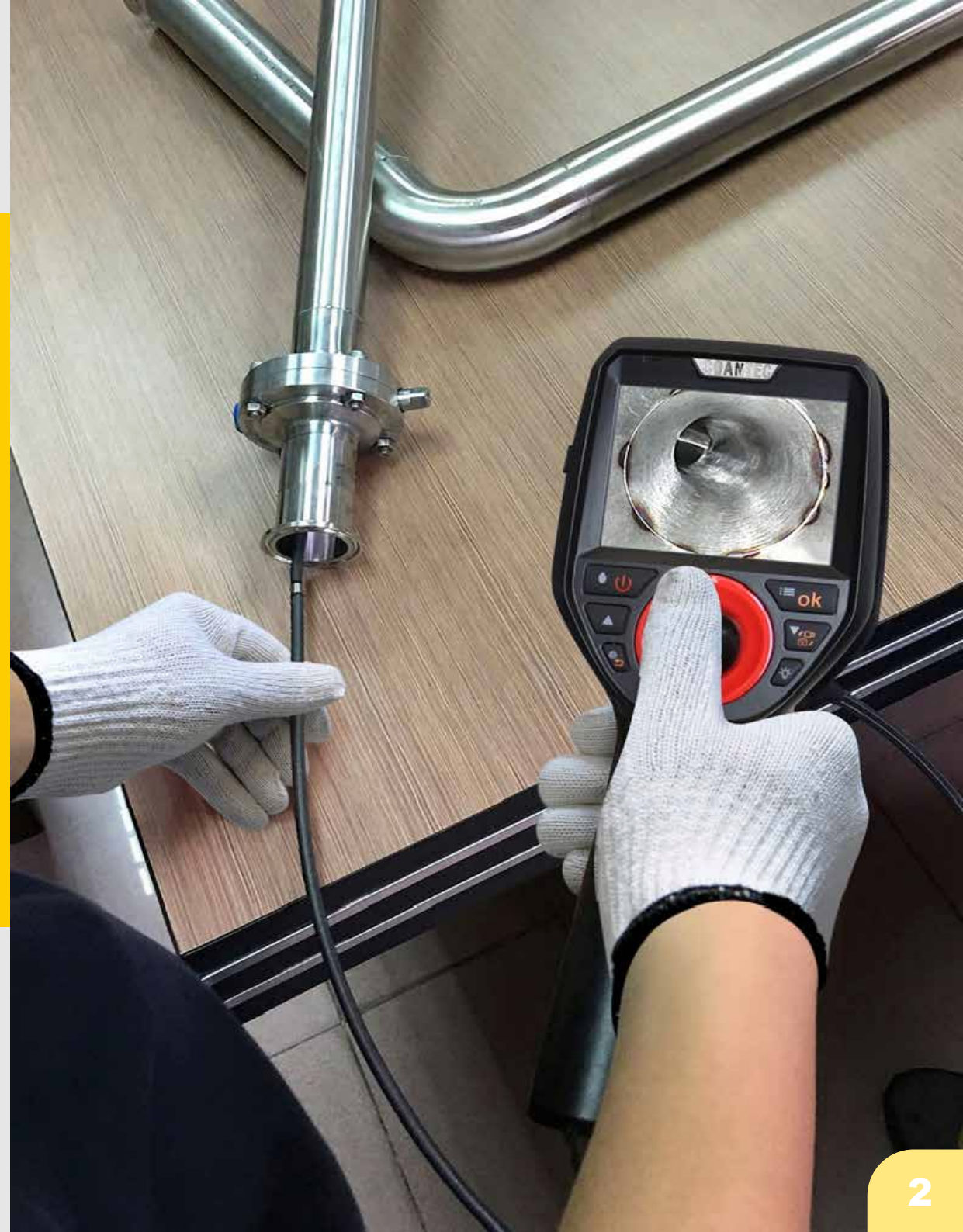
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COANTEC C40

Features

- 720P high definition industrial camera
- Easily replaceable probes
- Wide range of 2/2.8/3.9/4.8/6 mm probes to suit every application
- Powerful program functions
- Highly adaptable to the application environment



Brief description

COANTEC C40 is an industrial videoendoscope with a steerable probe manufactured by Coantec. The model features a 3.5" high-definition display, an ultra-high resolution camera, interchangeable probes with dust and water resistance up to IP67 and an optional oil-resistant operating part for harsh environments. You can quickly and easily change probes of different lengths and diameters, allowing to use one video endoscope for a wide variety of applications and save money.

The C40 has a single housing design that is lighter, more portable and can be used in many industries such as:

- aviation
- energy
- power generation
- automotive industry
- special control in other industries

The videoendoscope enables high-quality detection of defects inside the equipment or in the internal cavities of parts.



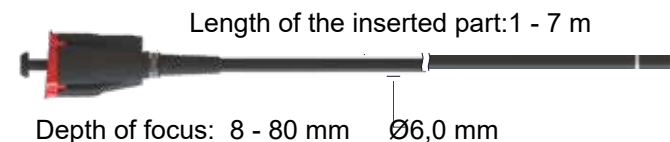
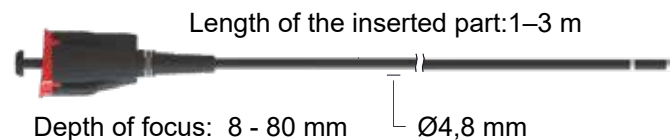
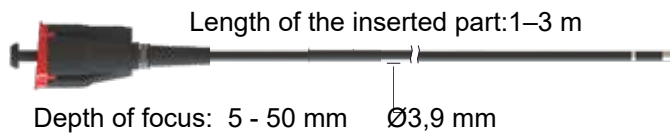
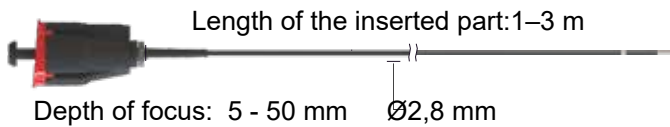
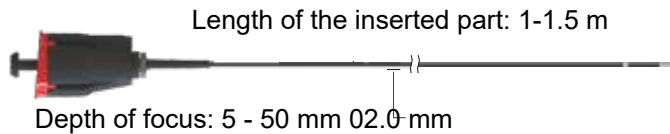
Photography of the fuel tank



Photo of the inner wall of a metal pipe

Easily replaceable probes

To meet the requirements of different follow-up applications, the video endoscope can be equipped with interchangeable probes of different lengths, diameters (2-6mm) and depth of focus.



High-quality image

The videoendoscope captures photos and records high-definition video to facilitate high-quality, detailed diagnosis and analysis.

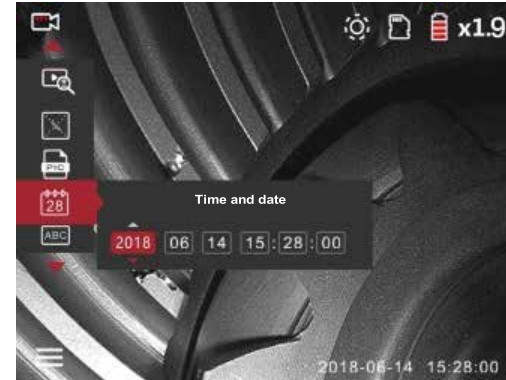
Powerful program functions



Supports 4x digital zoom



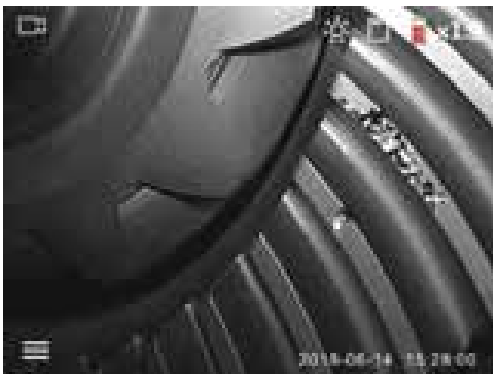
Choice of color/black and white/negative image



Option to add a watermark with date/time



Adjustable brightness of the display backlight



Real-time image rotation



Crosshair cursor

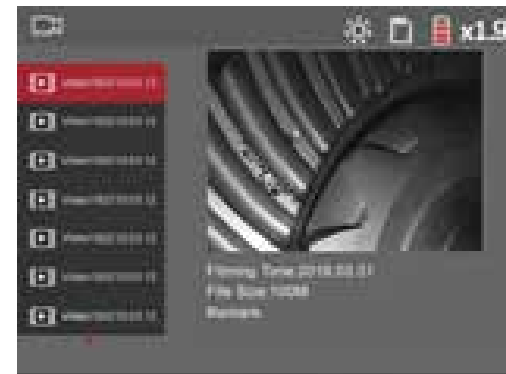


Photo and video preview mode in list view



Video playback function

High adaptability to the environment



Super-bright LED backlight



LED backlight with dimmer allows to obtain high brightness and image resolution of monitored items

Scope of application

C40 videoendoscope can be widely used in such fields as aviation, aerospace, shipbuilding, electric power, shipbuilding and railway transportation.

In production plants in the petrochemical, pharmaceutical, automotive, foundry and food industries, as well as for special inspection.

It can be used in machining, construction, police and military.

For testing civilian pipelines, in university research and other applications

Technical specifications

MAIN UNIT	
Display dimensions	3.5" high-definition display
Display resolution	640x480
Digital zoom	4x real-time, 8x partial during playback
Backlight brightness	Level adjustment 0-7
Auxiliary measurements	Crosshair cursor
Photo/video	Photo and video recording, photo at video recording
File Format	Images: JPEG/BMP; video:MP4
Image rotation	0°/90°/180°/270°
Preview	List/full screen
Screen backlight brightness	3 levels of adjustment
Output socket	micro HDMI
Menu language	Chinese Simplified, Traditional, English, Japanese, Korean, French, German, Portuguese, Spanish, Russian, Italian, Dutch, etc.
Dimensions of the main unit	240 x 102 x 126 mm
Package dimensions	411 x 321 x 165 mm
Main unit weight	0.65 kg (with base, battery)

OPERATING PART (PROBE)					
Probe diameter (± 0.1 mm)	$\varnothing 2$	$\varnothing 2,8$	$\varnothing 3,9$	$\varnothing 4,8$	$\varnothing 6$
Camera resolution	160 000	160 000	1 000 000	1 000 000	1 000 000
View direction	Straight	Straight/ Lateral	Straight/ Lateral	Straight/ Lateral	Straight/ Lateral
Depth of focus:	5-50 mm	5-50 mm	5-100 mm	8-80 mm	8-80 mm
Angle of view	120°	120°/70°	120°/70°	85°/70°	85°/70°
Length of the inserted part	1-1,5 m	1-3 m	1-3 m	1-3 m	1-7 m
Illumination method	Built-in LED, LED in the front part				
Joystick control	360° tilt in all directions				
Angle of bending of the probe in one direction	Length >3 m:150°, length 3-5 m:120°, length >7 m:90°				
Probe material	Wear-resistant tungsten braid				
Type of joystick control	Mechanical control				
Interchangeability	Replaceable probes				
Additional protection	Cushioning device for the interface between the main unit and the wear-resistant inserted part				
Protection class of the probe	IP67				

POWER	
Power supply	Replaceable lithium battery (with polarity protection)
Battery type	3.7 V, 3200 mAh
System operating time	>4 h
OPERATING CONDITIONS	
System operating temperature range	- 10°C...50°C
System operating temperature range	- 20°C...60°C
Storage temperature	- 20°C...60°C
Relative humidity	15%...90%
DELIVERY SET	
Standard delivery set	Videoendoscope COANTEC C40 -1 pc, case - 1 pc, lithium battery -1 pc, charger - 1 pc, card reader - 1 pc, memory card 8 GB - 1 pc, belt for fixing -1 pc, user manual - 1 copy.



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