

TECHNICAL DATA

Fluke DS701 and DS703 FC High Resolution Diagnostic Videoscopes



SUPERIOR IMAGE QUALITY

HIGH RESOLUTION DS701

800 x 600 (480,000 pixels) **DS703 FC High Resolution** 1200 x 720 (864,000 pixels)

DIAGNOSTIC VIDEOSCOPE

Dual view camera Adjustible light Auto zoom



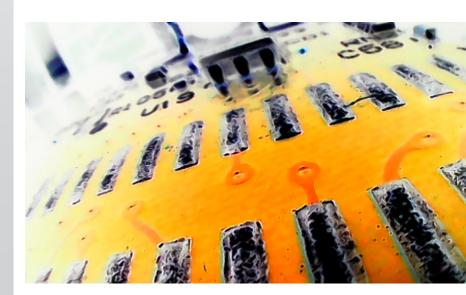
Fluke Connect™ compatible

Gritty, industrial, expensive equipment? Diagnose before tear-down with the durability of Fluke

The benefits of a videoscope are well known. But Industrial inspections require a powerful diagnostic videoscope designed to stand up to the dirtiest, most harsh environments.

Fluke Diagnostic Videoscopes put high-resolution images in the palm of your hand.

- High definition probe with dual-view camera
- Processing speeds that render a smooth, clear, consistent image
- 7" LCD screen for easy viewing
- Macro to micro zoom function
- Adjustable lighting to capture the best image
- True 720p video





Detailed specifications

	DS701	DS703 FC	
Videoscope probe			
Length	1.2 meter (3.94 feet)		
Type		Detachable, semi-ridged, waterproof, immersible to 1 meter or more in depth	
Diameter	8.5 mm (0.33 inches), optional 3.8, 5.5 and 9 mm probes available		
Material	Elastomer coated steel		
Lighting	Adjustable LED, one front, one side		
Illumination	Figure 1611, one side		
UpisUp™ technology	Appropriate image display, regardless of the orientation of the probe, 8.5 MM, 1.2 M probe only		
Camera		Dual view camera, forward and side	
Resolution		800 x 600 (480,000 pixels) 1200 x 720 (864,000 pixels)	
Still image format		JPG AVI	
Video recording format	, mag		
Video output format		MPEG compression	
Digital zoom	Adjustable from 1x to 8x zoom		
Field of view	68°		
Depth of field	25 mm to infinity		
Video resolution	Standard	720p	
Minimum focus distance	10 mm		
Focus type	Fixed		
Rotation		180°	
Streaming video		Via HDMI and Fluke Connect™	
LCD screen			
Touch screen		Capacitive touch screen	
Size	7 inch	(17.79 cm)	
Refresh rate	30 hz		
UpisUp™ technology	Real-time upright adjustment for image		
LED backlight	Adjust display brightness for optimal viewing		
Communication			
Wireless interface		WiFi 802.11b/g/n, Range: 33 feet (10.06 meters)	
Data transfer	USB	USB and micro HDMI cable	
Fluke Connect™*		Save and share images directly from the diagnostic scope. Attach images or video to an asset record or work order.	
Instant upload to the cloud		Yes, with Fluke Connect™	
General features		i de la companya de	
Color palettes	Visible light, or	Visible light, grayscale or inverted	
Internal memory	6 GB		
Physical buttons	Intuitive, easy to navigate button technology, 4 functional keys, 4 navigational, one capture or select button		
Carrying case		ive EVA case	
Strap	Hand strap	Hand strap and neck strap	
Power adapter	-	Itanu strap and neck strap	
Battery	6400mAh 3.7 volt rechargeable internal li-ion battery		
Battery life	3 hours at 50 % LED brightness		
Dimensions	6.98 x 8.85 inches (17.73 x 22.48 cm)		
Weight	1.95 lbs (0.88 Kg)		
IP rating	1.00 mg (0.00 mg)		
	IDDA doctored and analysis of the control of the co		
Tablet	IP54, dust protected and protected against water projected from a nozzle		
Probe	IP68, dust tight and immersion of 1 meter or more depth		
Drop test	2 meter (6.56 feet)		
Operating temperature	-10 °C to 50 °C (14 °F to 122 °F)		
Storage temperature	-40 °C to 60 °C (-40 °F to 140 °F)		
Operating humidity	90 % at 35 °C (95 °F) 75 % at 40 °C (104 °F) 45 % at 50 °C (122 °F)		
Warranty		2 years	
	2 years		

^{*}Fluke Connect $^{\scriptscriptstyle{\text{TM}}}$ app and Fluke Connect $^{\scriptscriptstyle{\text{TM}}}$ products not available in all countries.

Fluke Connect $^{\text{m}}$ functionality will be available for the DS703 FS Videoscope soon. This powerful software will allow you to save and share high-resolution images with your team. Watch the Fluke website for this firmware update and add the power of Fluke Connect to your DS703 FC Videoscope.





Preventive maintenance simplified. Rework eliminated.

Save time and improve the reliability of your maintenance data by wirelessly syncing measurements using the Fluke Connect™ system.

- Eliminate data-entry errors by saving measurements directly from the tool and associating them with the work order, report or asset record
- Maximize uptime and make confident maintenance decisions with data you can trust and trace.
- · Access baseline, historical and current measurements by asset

The Fluke DS703 FC is part of a growing system of connected test tools and equipment maintenance software.

Visit www.flukeconnect.com to learn more about the Fluke Connect $^{\text{TM}}$ system.







All trademarks are the property of their respective owners. WiFi or cellular service required to share data. Smartphone, wireless service and data plan not included with purchase. First 5 GB of storage is free. Phone support details can be viewed at fluke.com/phones.

Smart phone wireless service and data plan not included with purchase. Fluke Connect is not available in all countries.

Ordering information

FLK-DS701 Diagnostic Videoscope FLK-DS703 FC High Resolution Diagnostic Videoscope

What's included

Diagnostic videoscope with 1.2m, 8.5mm semi-ridgid probe, hand strap (DS703 FC includes hand and neck strap), USB cable, AC power supply/battery charger, TPAK magnetic hanger, protective EVA case

Optional accessories

FLK-3.8MM Scope 1M probe, forward view
FLK-8.5MM Scope 3M probe, dual view
FLK-5.5MM Scope 1M probe, dual view
FLK-8.5MM Scope 1.2M probe, dual view
FLK-8.5MM UV Scope 1M probe, dual view
Fluke FLK-9MM Scope forward view, 20m probe reel
Fluke DS 7XX Neckstrap

Visit your local Fluke website or contact your local Fluke representative for more information.

Fluke. Keeping your world up and running.

Fluke Corporation

PO Box 9090, Everett, WA 98206 U.S.A.

Fluke Europe B.V. PO Box 1186, 5602 BD Eindhoven, The Netherlands

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For more information call:

In the U.S.A. (800) 443-5853 or Fax (425) 446-5116
In Europe/M-East/Africa +31 (0)40 267 5100 or Fax +31 (0)40 267 5222
In Canada (800)-36-FLUKE or Fax (905) 890-6866
From other countries +1 (425) 446-5500 or Fax +1 (425) 446-5116
Web access: http://www.fluke.com

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