

TECHNICAL DATA

Fluke DS701 and DS703 FC High Resolution Diagnostic Videoscopes



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

SUPERIOR IMAGE QUALITY

HIGH RESOLUTION

DS701

800 x 600 (480,000 pixels)

DS703 FC High Resolution

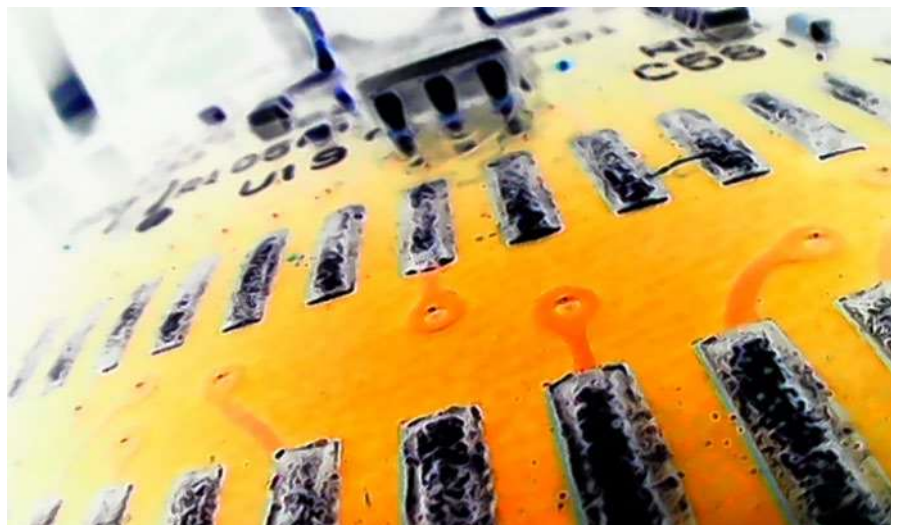
1200 x 720 (864,000 pixels)

DIAGNOSTIC VIDEOSCOPE

Dual view camera

Adjustable light

Auto zoom



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	53 Lux			
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			
Video recording format	AVI			
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				
Color palettes	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	Protective EVA case			
Strap	Hand strap		Hand strap and neck strap	
Power adapter	AC adapter/battery charger input			
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				
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	0 °C to 45 °C (32 °F to 104 °F), 50 °C (113 °F) for less than 10 minutes			
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			

*Fluke Connect™ app and Fluke Connect™ products not available in all countries.

Fluke Connect™ 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™ system.



Ordering information

FLK-DS701 Diagnostic Videoscope

FLK-DS703 FC High Resolution Diagnostic Videoscope

What's included

Diagnostic videoscope with 1.2m, 8.5mm semi-rigid 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.*

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