FLUKE®

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
Adjustible light
Auto zoom
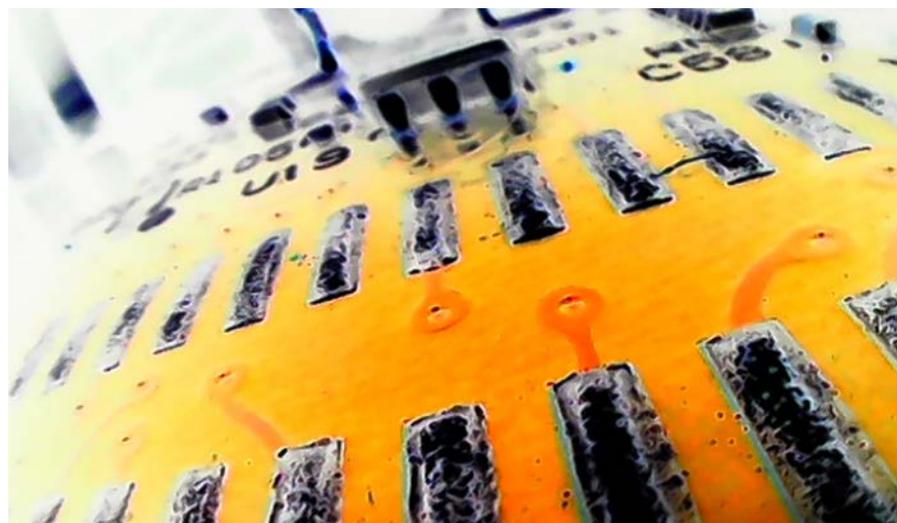
Detailed specifications

	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 40 °C (32 °F to 104 °F), 50 °C (122 °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.

FLUKE CONNECT®

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.

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.