TECHNICAL DATA

Fluke DS703 FC Diagnostic Video Borescope



SUPERIOR IMAGE QUALITY

DS703 FC DIAGNOSTIC VIDEO BORESCOPE

High Resolution:

1280 X 720 (720P)

Includes 8.5mm HD DUALVIEW (1.2M) Probe

NOW AVAILABLE

FLK-5.5MM Scope .7M articulating probe with 180 degrees of articulation



Clearly view and inspect details that matter most even in hard to access areas of equipment in dirty, harsh industrial environments. Now in Full HD.

The Fluke DS703 FC Video Borescope puts high resolution images in the palm of your hand and provides many valuable features to make your job easier.

- Bright 7" high resolution LCD touch screen.
- High Definition, dual view imaging probe and adjustable light to provide a clear image.
- Large variety of rugged and high resolution accessory probes to address your specific application needs.
- Macro to micro zoom
- Up-is-Up™ technology for an appropriate orientation, regardless of the probe location or position
- Asset ID tagging allows you to easily compare asset images over time.
- Fluke Connect™ support including wireless image transfer.



Photo above: Engine cylinder head inspection.

Detailed specifications

Video Borescope Probe	8.5mm HD DUALVIEW (1.2M) (Included with DS703 FC)	8.5mm HD DUALVIEW (3M)	5.5mm HD DUALVIEW (1.2M)	3.8mm Front View	5.5mm One Way Articulation	9.0 mm SD Forward View
Outer Diameter of Tip	8.5mm	8.5mm	5.5mm	3.8mm	5.5mm	9.8mm
Length	1 meter	3 meter	1.2 meter	1 meter	60.9 cm (24 inches)	20 meter reel
Resolution	1280 x 720 (720p) (HD)	1280 x 720 (720p) (HD)	1280 x 720 (720p) (HD)	1280 x 720 (720p) (HD)	1280 x 720 (720p) (HD)	640 x 480
Depth of Field (min)	35.5mm (Front) 35.5mm (Side)	35.5mm (Front) 35.5mm (Side)	12.7mm (Front) 6.3mm (Side)	5mm	88.9mm	12.7mm
Depth of Field (max)	111.7mm (Front) 111.7mm (Side)	111.7mm (Front) 111.7mm (Side)	431.8mm (Front) 190.5mm (Side)	28mm	88.9mm	88.9mm
Field of View	75 degrees	75 degrees	70 degrees	100 degrees	78 degrees	75 degrees
Up-is-Up™ technology	Yes	Yes	N/A			
Length of Distal Tip	50mm	50mm	46.4mm	18mm	19mm and 71.3mm	N/A
Outer Diameter of Conduit	6.1mm	6.1mm	3.8mm	3.6mm	4.2mm	≤ 9.0mm
Outer Diameter of Tip	8.5mm	8.5mm	5.5mm	3.8mm	5.5mm	9.0mm
Conduit Pliability	Flexible but compliant	Flexible but compliant				Flexible fiberglass reel
Waterproof	Waterproof to 2 psi	Waterproof to 2 psi				
LED Type	Standard white	Standard white				
Range of motion	N/A	N/A			180 degrees	N/A
Radius of bend	N/A	N/A			25mm	N/A
Articulation type	N/A	N/A			Mechanical	N/A
Articulation style	N/A	N/A			One way	N/A
Resolution	1280 x 720 (720p) (HD)	1280 x 720 (720p) (HD)	1280 x 720 (720p) (HD)	1280 x 720 (720p) (HD)	1280 x 720 (720p) (HD)	640 x 480
Still image format	JPG	JPG				
Video recording format	AVI	AVI				
Video output format	MPEG compression	MPEG compression				
Digital zoom	Adjustable from 1x to 8x zoom	Adjustable from 1x to 8x zoom				
Camera Direction	(1.2M) HD DUALVIEW Probe (Front and Side)	(1.2M) HD DUALVIEW Probe (Front and Side)	(1.2M) HD DUALVIEW Probe (Front and Side)	Front View	Front View	Front View (only)
Streamving video	Via HDMI	Via HDMI				
All video borescope probes are resistant to the following chemicals:	Antifreeze, Axle Grease, Brake Cleaner, Brake Fluid, Diesel Fuel, Gasoline, Glass Cleaner, Household Grease Cutting Cleaner (Simple Green, 409, etc.), Hydraulic Fluid, Isopropyl Alcohol, Lens Cleaning Fluid, Machinist Cutting Fluid, Motor Oil, Pag Fluid (Refrigerant Compressor Lubricant), Petroleum Jelly, Transmission Fluid, Urea (Diesel Exhaust Fluid), WD40					

	DS703 FC
LCD screen	
Type	7 inch Capacitive touch screen
Refresh rate	30 hz
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 and micro HDMI cable
FlukeConnect™	Save and share images via FlukeConnect™
Instant upload to the cloud	Yes, with FlukeConnect™
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
Asset ID Tagging	Associate each image to an Asset ID
Strap	Hand Strap and Neck Strap included
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)
General Specifications and Safety	
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 113 °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

NEW PRODUCT

FLK-5.5MM Scope .7M articulating probe

- 180 degrees of articulation
- 5.5mm diameter designed to pass through spark plug and injector ports
- High resolution camera
- Great for a complete valve inspection





Photo above: Valve inspection



Photo above: Spark plug port inspection

Ordering information

FLK-DS703 FC Diagnostic Video Borescope

What's included
Diagnostic videoscope with 8.5mm HD DUALVIEW (1.2M) probe, hand strap, neck strap, USB cable, AC power supply/battery charger, TPAK magnetic hanger, protective EVA case

Optional accessories

FLK-5.5MM Scope .7M articulating probe
FLK-3.8MM Scope 1M probe, forward view
FLK-5.5MM Scope 1M probe, dual view
FLK-8.5MM Scope 3M probe, dual view
Fluke FLK-9MM Scope forward view, 20m probe reel

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

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240099-en

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HERRAMIENTAS INDUSTRIALES
Y CONSUMIBLES SAS

HERRAMIENTAS INDUSTRIALES Y CONSUMIBLES S.A.S.
NIT 901.827.379-4
Bogotá D.C., 06 de octubre de 2026

Señores
STARLOGÍSTICA

Asunto: Confirmación de cambio y descontinuación de referencia TRUPER 101669

Cordial saludo.

Por medio del presente nos permitimos informarles respecto a la referencia **101669 de TRUPER – Motortool**, que hemos recibido confirmación directamente por parte del fabricante, indicando que esta referencia fue **cambiada y descontinuada de fábrica**, por lo cual ya no se encuentra disponible bajo la referencia anteriormente indicada.

Es importante precisar que **HERRAMIENTAS INDUSTRIALES Y CONSUMIBLES S.A.S. somos distribuidores directos de la marca TRUPER**, por lo que la información relacionada con el cambio de referencia y la disponibilidad del producto ha sido **verificada y confirmada directamente con el fabricante**. En este sentido, la información suministrada en el presente comunicado corresponde a **información oficial, real y vigente proporcionada por TRUPER**.

De acuerdo con la información suministrada por el fabricante, la referencia actual **103581** corresponde al mismo producto y cumple con la función para la cual fue destinada, siendo esta la **referencia que reemplaza oficialmente a la anterior 101669**.

Agradecemos tener en cuenta esta información para la actualización de sus registros y para la gestión correspondiente con el cliente final, teniendo como respaldo la confirmación directa del fabricante.

Quedamos atentos a cualquier inquietud o información adicional que requieran.

Cordialmente,

Wilson Daniel Lizcano
HERRAMIENTAS INDUSTRIALES Y CONSUMIBLES S.A.S.
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