

MFV1 FLEXIBLE VIDEO-SCOPE

The MFV1 is a 0.95mm diameter Flexible Video-scope for the ultimate image inside very small objects.



The MFV1 is the first sub 1.0mm 'all-in one' videoscope with built in glass fibre illumination. It provides unprecedented full-screen clarity for an instrument of such small diameter.

A 500mm length stainless steel braid covered flexible probe contains a 1/11" CMOS camera sensor. A colour 160,000 pixel video image is displayed on the 5" LCD screen. Recording is simple. Short press the image button for JPEG images, and long press the same button to start and stop MP4 video recording.

Illumination is controlled with one button, which cycles through stepped output levels, providing the ideal amount of light for your application.

The probe is interchangeable, meaning in the event of breakage only the probe needs to be replaced, not the entire unit. In addition, other sized probes may be used with the same unit. *Please note that the 0.95mm diameter probe has no articulation control. It is not possible to contain control wires inside this very small diameter.

The supplied rechargeable battery clips to the handle of the unit and provides approximately 4 hours working time. On the side of the unit is a TF card slot, micro USB port and HDMI socket.

The whole kit is supplied in a heavy duty carry case, containing battery, charger, cables and a micro SD/TF card.

FEATURES

- + **Crystal clear full screen video image**
- + **Tiny 0.95mm diameter** stainless steel braided flexible probe
- + **Built in glass fibre illumination** - adjustable output level with no unwanted LED reflection on screen
- + **Easy image and video capture** in compatible formats
- + **4 hours operation time**

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Contents and Specifications

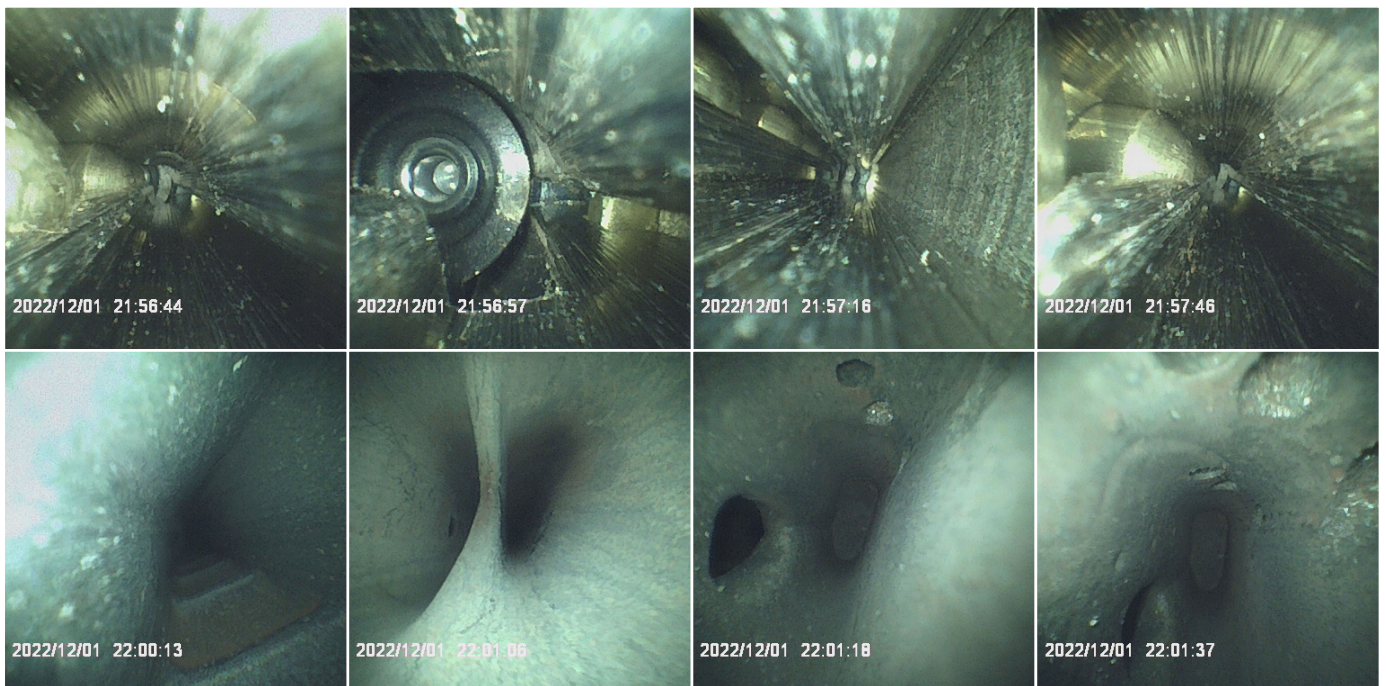
MAIN COMPONENTS

Construction

- Flexible probe – stainless steel braid covered
- Display unit ABS plastic

Camera / Flexible probe

- 1/11" CMOS colour sensor
- 0.95mm diameter x 500mm length
- 0° forward viewing
- 120° field of view
- DOF / focus range 3-70mm
- DC 5V, 200mA
- Resolution 160,000 pixels
- High power 6 step glass fibre illumination
- LED light source built inside display unit
- *No articulation control of tip
- Removeable probe section – replacement probes may be used with the display unit



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5 inch industrial LCD screen

Ports

- TF card 32gb max, HDMI, micro usb

Power

- Lithium battery pack. Operating time ~4 hours

Ingress protection

- IP54

Working temp

- -10°C-50°C

Storage temp

- -20°C-60°C

Humidity Max

- 95% no condensation

File Format Image

- JPEG (JPG), Video: AVI

Image functions

- Freeze, zoom, photo, flip, video playback

DISPLAY UNIT

- Dimensions - 350 x 155 x 69 mm

CASE

- Supplied in tough fitted carry case
- Weight - 3.9 kgs
- Dimensions - 48 x 39 x 16 cms

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