

Fiber Optic Handheld Video Microscope Kit



✓ 3.5-inch LCD display

✓ 200x overall magnification

✓ Snapshot, video recording & playback

✓ Shock-proof protective sleeve

Abstract

Fiber optic handheld video microscope with 3.5" LCD display, inspection of LC, SC, incl. 8 GB SD card

Features

- FC/SC/ST/E2000/LC/MU/MPO compatible
- 3.5-inch LCD display
- Up to 200x overall magnification
- 4x digital zoom
- SD card storage up to 8G
- Snapshot, video recording and playback
- 180° image rollovers
- Flashlight function

Product Overview

The handheld microscope is specifically designed for fiber optic connector end face inspection. Reliability and performance of a fiber optic link largely depends on the quality of interconnects. Contaminated connectors can cause the mating surfaces to separate leading to high insertion loss and back-reflection. Furthermore, some dirt particles can even scratch or dig into the glass causing permanent damage to the end-face of the connector. Therefore, inspection of fiber optic connectors should be performed whenever a connection is to be made.

Product Number Information

Item code	Delivery content
DN-FO-VM-1	Main unit, inspection probe, AC power adapter/battery charger, 2.5 mm tip for PC male connectors, 1.25 mm tip for PC male connectors, tip for SC PC female connectors, tip for LC PC female connectors, tip box, cleaning set, user manual, carrying case

Optional accessories	2.5 mm tip for APC male connectors, 1.25 mm tip for APC male connectors, tip for SC APC female connectors, tip for FC APC female connectors, tip for LC APC female connectors
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Product Images



Specifications

Main unit	
Display	3.5" LCD
Video resolution	AVI (640x480)
Photo resolution	JPEG (640x480)
Image/video storage	8GB TF card
Image rollovers	180°
Image magnification	4x zoom magnification
Dimensions	145x 90 x 35 mm
Weight (including battery, protective sleeve)	300 g
Power supply	Replaceable battery or universal input 5V DC adapter
Battery	Rechargeable Li-ION, 5V/1A, 2600 mAh
Battery life	> 4 hours (continuous)
Menu language	Simplified Chinese, English, French, German, Spanish, Japanese, Russian
Operation temperature	-20 °C to +50 °C
Storage temperature	-30 °C to +70 °C
Inspection probe	
Magnification	400x (9" monitor); 200x (3.5" monitor)
Detection limit	0.5 μ
Focus control	Manual, in-probe
Dimensions	150 x 40 x 45 mm
Weight	120 g