

NOYES®

VFS 2 Video Fiber Inspection Scope



The VFS 2 versatile Video Fiberscope, designed for inspection of dirty and/or damaged connectors, offers unparalleled access to connectors and bulkhead adapters and retains superior image quality associated with Noyes inspection products. The unique "optical-knuckle" design allows the user to orient the VFS 2 probe head in virtually any direction for viewing connectors that may be located in tight or difficult locations. Compatibility with standard adapters eliminates the need for expensive custom angled adapters reducing total cost of ownership. With a probe head length of less than 8 cm (3.25"), access into crowded and cramped quarters becomes a reality.

The VFS 2 resolves $\frac{3}{4}$ micron scratches keeping with our standard of quality end-face images. This inspection scope is one-handed operated and equally easy for both right and left handed individuals.

The VFS 2 probe may be paired with the VFS 2 high-resolution 3.5" Display unit.

Features

- Unparalleled access to connectors and bulkhead adapters
- Resolves $\frac{3}{4}$ micron scratches
- 500 micron field of view (diagonal)
- Standard adapter tips for easy centering
- Precision focusing (left or right handed)
- Lithium-ion battery

Applications

- Inspect optical connector end faces for damage and contamination
- Patch cord inspection including a wide range of connector types
- In adapter inspection - view connectors in patch panels
- Rotating head feature to inspect connectors in tight locations with standard adapters

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Specifications ^a

OPTICAL	
Field of View	500 microns diagonal (300 µm vertical, 400 µm horizontal)
Magnification	180X on 3.5" display
Resolution	¾ micron scratch
Video Output	NTSC
VFS 2 PROBE SPECIFICATIONS	
Operating Temperature	0 °C to +50 °C
Storage Temperature	-20 °C to + 60 °C
Humidity	0 to 90% (non-condensing)
Probe Weight	0.2 kg (0.4 lb)
Probe Body Size (L x W x D)	15.9 x 3.3 x 3.3 cm (6.3 x 1.3 x 1.3 in)
Probe Head Size (with FC adapter), (L x W x D)	7.9 x 2.5 x 1.5 cm (3.1 x 1.0 x 0.6 in)
VFS 2 DISPLAY SPECIFICATIONS	
Display Screen Size	8.9 cm (3.5 in) TFT NTSC
Display Package With Protective Boot Size	22.9 x 5.1 x 11.9 cm (9.0 x 2.0 x 4.7 in)
Weight	2 lb (0.9 kg)
Power	Li-Ion battery pack or AC adapter
Battery Life With VFS2 Probe	>4 hours
Operating Temperature	0 °C to 50 °C
Storage Temperature	-20 °C to +60 °C
Humidity	0 to 90 % RH non-condensing
Li-Ion Battery Pack Charging Temp.	-10 °C to +45 °C
Li-Ion Battery Pack Recharging Time	4 hours

Note:

a. All specifications valid at 25 °C unless otherwise specified.

Ordering Information

INCLUDES	AFL NO.
VFS2 Probe, VFS 2 LCD Display, AC adapter.	VFS2-00-0900
VFS2 Probe, VCP1 USB interface and basic software (requires computer with display).	VFS2-00-0903

Authorized Channel Partner



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