



VFS 2 Video Fiber Scope 2nd Generation

The VFS 2 is a small extremely versatile video fiber scope, which retains the superior image quality associated with Noyes inspection products. The unique “optical-knuckle” allows the user orient the probe head in virtually any direction. This feature allows the user to view connectors that may be located in tight or difficult locations. With a probe head length of less than 8 cm (3.25”), access into crowded/cramped quarters becomes a reality. The VFS 2 resolves ¼ micron scratches, keeping with our standard of quality end-face images. This unit is designed for one-handed operation and with the “optical-knuckle” feature, the unit is equally easy for both right and left handed individuals.

The new precision adapter tips for the VFS 2 ease getting fiber images in the viewing area. These tips ensure the optics will view into the alignment sleeve, thus simplifying centering the fiber.

The VFS 2 probe may be paired with the VFS 2 high-resolution 3.5” Display unit, which features advanced lithium ion battery and charger technology for long, continuous operating times.

Also, the VFS 2 Inspection Probe may be used with the VCP 1 Video Capture Port, which allows the user to inspect fiber optic end-faces and capture viewed images on a PC.

Features:

- Unparalleled access to connectors and bulkhead adapters
- One-handed operation
- Resolves ¼ micron scratches
- Precision adapter tips for easy centering
- 350-micron field of view (diagonal)
- Smooth, precision focusing (left or right handed)
- Advanced lithium ion battery

Specifications:

Optical specifications

Field of view	350 microns diagonal (208 µm vertical, 285 µm horizontal)
Magnification	250X on 3.5” display
Resolution	¼ micron scratch
Video Output	NTSC

VFS 2 Probe specifications

Operating temperature	0 to +50°C
Storage temperature	-20 to +60°C
Humidity	0 to 90% (non-condensing)
Probe weight	0.4 lb (0.2 kg)
Probe body size (L x W x D)	6.3 x 1.3 x 1.3 in (15.9 x 3.3 x 3.3 cm)
Probe head size (with FC adapter), (L x W x D)	3.1 x 1.0 x 0.6 in (7.9 x 2.5 x 1.5 cm)

VFS 2 Display specifications

Display Screen Size	3.5 inch TFT NTSC
Display package with protective boot size	9.0 x 2.0 x 4.7 in (22.9 x 5.1 x 11.9 cm)
Weight	2 lb (0.9 kg)
Power	Li-Ion battery pack or AC adapter
Battery life with VFS2 probe	> 4 hours
Operating temperature	0° to 50° C
Storage temperature	-20 to +60°C
Humidity	0 to 90% RH non-condensing
Li-Ion battery pack charging temp.	-10 to +45°C
Li-Ion battery pack recharging time	4 hours