



DI-1000

Digital Fiber Inspection Microscope

Fiber Optics Connector Inspection Scope

The ergonomically designed DI-1000 connects directly to VeEX test sets through its USB 2.0 port. The DI-1000 features an easy and precise focusing knob, comprehensive set of tips, and digital image sensor with detectable resolution to 0.5 μm .



Dirty and scratched connectors are the leading cause of failures in fiber networks. The ergonomically designed VeEX DI-1000 digital fiber inspection scope provides clear images of the connector's end face. Focusing on the contact areas, the DI-1000 grades the connector's health and cleanliness to determine whether it is ready for use or needs to be cleaned again.

Platform Highlights

- Inspect patch cords and bulkheads
- Easy and precise focus knob
- Ergonomic design for one-handed operation
- Compatible with a large variety of host devices:
 - VeEX test platforms equipped with USB or WiFi (MTTplus, TX300-Series, V150 series and RXT)
 - Android™ mobile devices with Fiberizer® FMS software
 - iOS® mobile devices with Fiberizer FMIOS software and Wi-Fi bridge accessory
 - Windows PCs equipped with Fiberizer Scope software
- Direct USB 2.0 connection to test set, PC, or mobile device
- Powered by USB
- Robust for field use (no motors or batteries)
- Comprehensive line of tips available
- Quick tip swapping

Auto Image Capture & Analysis

Once the proper focus is detected, the DI-1000 automatically captures the image, analyzes it based on IEC 61300-3-35 to display failing areas, and autosaves the results. Manual capture and/or saving is also possible through a single button conveniently placed for one-handed operation. Results can be compared directly for before/after cleaning inspection and added to reports generated directly on the host device.

VeSion R-Server® Workflow and Asset Management

A centralized server application designed for medium-to-large service providers facing the enormous challenge of managing and coordinating hundreds or even thousands of installations per day. The VeSion R-Server collects field test results for billing/record keeping purposes and simplifies inventory management. Scope results can be backed up directly to R-Server from VeEX test sets and included in the reporting workflow.

Ordering Information

Z99-00-040P	DI-1000 Video Fiber Scope, USB 2.0 Version
Z99-00-044P	DI-1000 Video Fiber Scope, USB 2.0 Version with PC connectors (1.25mm, 2.5mm, LC and SC/FC)

Recommended Accessories

F99-00-078G*	Universal 2.5 mm probe tip for PC type male connectors
F99-00-079G*	Universal 1.25 mm probe tip for PC type male connectors
F99-00-080G	Probe tip for 1.25 mm male ELIO connectors and termini
F99-00-081G	Universal 2.0 mm probe tip for PC type male termini and LEMO F2
F99-00-082G	Tip for Biconic connectors
F99-00-095G	Tip for SMA 905 male connectors
F99-00-096G	Universal 2.5 mm probe tip for APC type male connectors
F99-00-097G	Universal 1.25 mm probe tip for APC type male connectors
F99-00-098G*	Tip for SC and FC PC type female connectors
F99-00-099G	Short Extended tip for FC and SC PC type female connectors
F99-00-100G	Medium Extended tip for FC and SC PC type female connectors
F99-00-101G	Long Extended tip for FC and SC PC type female connectors
F99-00-102G	60 degree angled tip for FC and SC PC type female connectors
F99-00-103G	Tip for SC and FC APC type female connectors
F99-00-104G	Short Extended tip for SC APC type female connectors
F99-00-105G	60 degree angled tip for SC APC type female connectors
F99-00-106G	Tip for hardened SC/APC (Optitap®) female connectors
F99-00-107G	Tip for ST PC type female connectors
F99-00-108G	Short Extended tip for ST PC type female connectors
F99-00-109G	Medium Extended tip for ST PC type female connectors
F99-00-110G	Long Extended tip for ST PC type female connectors
F99-00-111G	60 degree angled tip for ST female connectors
F99-00-112G	Short Extended tip for E2000 PC type female connectors
F99-00-113G	Medium Extended tip for E2000 PC type female connectors
F99-00-114G	Long Extended tip for E2000 PC type female connectors
F99-00-115G	Tip for E2000 APC type female connectors
F99-00-116G*	Tip for LC PC type female connectors
F99-00-117G	Short Extended tip for LC PC type female connectors

F99-00-118G	Medium Extended tip for LC PC type female connectors
F99-00-119G	Long Extended tip for LC PC type female connectors
F99-00-120G	Tip for LC APC type female connectors
F99-00-121G	Tip for MU PC type female connectors
F99-00-122G	Short Extended tip for MU PC type female connectors
F99-00-123G	Medium Extended tip for MU PC type female connectors
F99-00-124G	Long Extended tip for MU PC type female connectors
F99-00-125G	60 degree angled tip for MU PC type female connectors
F99-00-126G	Tip for LEMO female connectors (SMPTE F2)
F99-00-127G	Tip for 2.0 mm female termini
F99-00-128G	Tip for 1.6 mm female termini
F99-00-129G	Tip for ELIO 1.25 mm female connectors
F99-00-130G	Tip for LX.5 PC female connectors
F99-00-131G	Tip for LX.5 APC female connectors
F99-00-132G	Extended tip for MTP PC type connectors
F99-00-133G	Front end tip for MTP PC type connectors
F99-00-134G	Extended tip for MTP APC type connectors
F99-00-135G	Front end tip for MTP APC type connectors
F99-00-136G	Extended tip kit for MTP PC and APC connectors

*Included in standard kit Z99-00-044P

Replacement Items

C02-00-019G	Carrying Pouch for Video Fiber Scope with Tips
C02-00-026G	Carrying Pouch for Fiber Scope Tips
Z99-99-005G	Container for Video Fiber Scope Tips
Z77-00-006P	Fiber Cleaning Kit
Z99-99-028G	USB WiFi Bridge for Fiberscope

General

Field of View	425 µm to 320 µm
Resolution	0.5 µm detectable
Operating Temperature	-10°C to 50°C (14°F to 122°F)
Storage Temperature	-20°C to 70°C (-4°F to 158°F)
Focus	Manual adjustment, 2 mm max travel
Dimensions	35 mm diameter x 175 mm length (without tip)
Light Source	Blue LED
Power Supply	USB port of PC



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