



**VeEX**



## DI-1000MPO

### Digital Fiber Inspection Microscope for Single and Multi-Fiber Connectors

The DI-1000MPO Fiberscope is optimized for testing MTP/MPO connectors and is backwards compatible with existing single fiber tips.

The scanning (X/Y) and focus knobs are all located on the microscope body providing simple and efficient handheld control. The host device software performs image capture, visual inspection and delivers a Pass/Fail result.

### Key Features

- Precise and reliable single-finger focusing
- X and Y scanning controls on Fiberscope body
- Ergonomic design offering one hand operation
- Robust for field use (no motors or batteries)
- Inspect patch cords and bulkheads
- Supports 12 up to 48 fiber MTP/MPO connector types
- Large field of view (FOV) 425 x 320  $\mu\text{m}$
- 1/3 inch CMOS sensor
- Blue LED light source for end face illumination
- Widest host platform compatibility in the industry
  - Select VeEX test platforms
  - Windows PC - Fiberizer™ Scope software
  - Mobile devices - Fiberizer™ software (Android & iOS)
- USB or WiFi connection to tester, PC or mobile device
- Powered by USB
- Comprehensive range of single and multi-fiber tips, including PC and APC versions
- Lightweight and compact
- Quick tip replacement – MTP/MPO and single fiber

### Auto Focus Detection & Analysis

- Auto-focus image capture and Pass/Fail analysis performed by VeEX tester, PC or mobile device software application.
- Host device automatically detects when image(s) have reached optimal focus and freezes the picture
- Host device software performs IEC 61300-3-35 analysis and delivers Pass/fail result including table
- Faster focus, acquisition and analysis, compared to slow electro-mechanical auto-focusing scopes
- User remains in control during measurement and can intervene at any time to clean and re-inspect fibers
- Image saving and online upload for documentation tasks
- Report generation (html and PDF) directly from the host device
- Compare function for images captured before and after cleaning

## Ordering Information

Z06-00-XXXX DI-1000MPO Video Fiber Scope

### Multi-fiber (MTP/MPO) Tips

F99-00-XXXX Front end for female MTP/MPO PC connectors  
 F99-00-XXXX Standard MTP adapter for male MTP/MPO connectors  
 F99-00-xxx Front end for female MTP/MPO APC connectors

### Multi-fiber (MTP/MPO) Tips for Male & Female Connectors

F99-00-xxx Extended tip for MTP PC type single row connectors  
 F99-00-xxx Extended tip for MTP PC single and multi-row connectors  
 F99-00-xxx Extended tip for MTP/APC single row connectors  
 F99-00-xxx Extended tip for MTP APC single and multi-row connectors  
 F99-00-xxx Extended tip kit for MTP PC and APC single and multi-row connectors  
 F99-00-xxx Tip for OptiTip® APC connectors

### Single Fiber Tips

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

### Replacement Items

C02-00-019G Carrying Pouch for Video Fiber Scope with Tips

### General

Camera	1/3" CMOS
Field of View (FOV)	425 µm to 320 µm
Detectable Resolution	0.5 µm
Light Source	Blue LED
Focus	Manual, 2 mm max travel
Power Supply	USB port of PC
Weight	225g
Dimensions	35 mm diameter x 175 mm length (without tip)
Operating Temperature	-10°C to 50°C (14°F to 122°F)
Storage Temperature	-20°C to 70°C (-4°F to 158°F)



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