

Digital Fiber Inspection Microscope for Single and Multi-Fiber Connectors Optimized for testing MTP/MPO connectors retaining backwards compatibility with existing single fiber tips. The scanning and focus knobs are conveniently located on the microscope body providing simple and efficient handheld operation. The host device software performs visual inspection, image capture, and Pass/Fail results.

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 μm
- 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 INFO

Ordering Information

Z06-00-040P	DI-1000MPO Digital Fiber Inspection Microscope for Single and Multi-Fiber	
	connectors including standard accessories	
Z99-00-047P	DI-1000MPO Digital Fiber Inspection	
255 00 0471	Microscope kit for Single and Multi-Fiber	
	connectors including standard tips, female	
	MTP/MPO APC and PC tips, and MTP adapter	
	for male MTP/MPO connectors	
Z99-99-033P	DI-1000MPO Digital Fiber Inspection	
	Microscope only for Single and Multi-Fiber	
	connectors without any tips or adaptors	
Multi-fiber (M	TP/MPO) Tips	
F99-00-133G	Front end for female MTP/MPO PC connectors	
F99-00-135G	Front end for female MTP/MPO APC connectors	
F99-00-185G	Standard MTP adapter for male MTP/MPO	
100 00 1000	connectors	
Multi-fiber (MTP/MPO) Tips for Male & Female Connectors		
F99-00-132G	Extended tip for MTP PC type single row	
	connectors	
F99-00-134G	Extended tip for MTP/APC single row connectors	
F99-00-138G	Extended tip for MTP APC single and multi-row	
	connectors	
F99-00-168G	Extended tip for MTP PC single and multi-row	
F00 00 172C	connectors	
F99-00-172G	Extended tip kit for MTP PC and APC single and multi-row connectors	
F99-00-184G	Tip for OptiTip [®] APC connectors	
100 00 1010		
Single Fiber T	-	
Single Fiber T F99-00-078G	Universal 2.5 mm probe tip for PC type male	
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-	Universal 2.5 mm probe tip for PC type male connectors Universal 1.25 mm probe tip for PC type male	
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F99-00-078G F99-00-079G F99-00-080G F99-00-081G	Universal 2.5 mm probe tip for PC type male connectors Universal 1.25 mm probe tip for PC type male connectors Probe tip for 1.25 mm male ELIO connectors and termini Universal 2.0 mm probe tip for PC type male termini and LEMO F2	
F99-00-078G F99-00-079G F99-00-080G F99-00-081G F99-00-082G	Universal 2.5 mm probe tip for PC type male connectors Universal 1.25 mm probe tip for PC type male connectors Probe tip for 1.25 mm male ELIO connectors and termini Universal 2.0 mm probe tip for PC type male termini and LEMO F2 Tip for Biconic connectors	
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F99-00-078G F99-00-079G F99-00-080G F99-00-081G F99-00-082G F99-00-095G	Universal 2.5 mm probe tip for PC type male connectors Universal 1.25 mm probe tip for PC type male connectors Probe tip for 1.25 mm male ELIO connectors and termini Universal 2.0 mm probe tip for PC type male termini and LEMO F2 Tip for Biconic connectors	
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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
500 00 4446	connectors
F99-00-111G	60 degree angled tip for ST female connectors
F99-00-112G	Short Extended tip for E2000 PC type female
F99-00-113G	connectors Medium Extended tip for E2000 PC type female
199-00-1130	connectors
F99-00-114G	Long Extended tip for E2000 PC type female
155 00 1140	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
500 00 4240	connectors
F99-00-124G	Long Extended tip for MU PC type female
F99-00-125G	connectors 60 degree angled tip for MU PC type female
F99-00-125G	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
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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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