

Westover Inspection Scopes

[Westover FM-DI100 Specs](#)
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FM Series

Optical Fiber Scope

The C Series offers professional quality termination inspection for the most demanding users. The image quality, durability, and ease of use is second to none.

The DI-Series is a smaller version of the C-Series with the same optical performance. This microscope offers coaxial illumination for the highest level of image detail and oblique illumination that shows major defects and contaminants to prevent overpolishing. Compatible with FMAE series adapter caps or the FMA series with a conversion adapter.

The L Series is strongly preferred by maintenance technicians and installers who are not highly specialized in fiber. The fact that scratches are not as clear as when seen through our "C Series" is viewed as an advantage by many because it prevents over-polishing and wasted time - an excellent tool for less demanding applications.

The E series is the economy version of the L-Series scope. Compatible with FMAE series adapter caps or the FMA series with a conversion adapter.

Features & Benefits

- C & DI-Series - Coaxial illumination provides the highest of level of image detail
- L & E Series - Oblique illumination provides excellent view of ferrule cleanliness and core condition
- Rugged all metal design with crisp all-glass optics
- Integrated laser safety filters (datasheet available)
- Internal white LED delivers 100,000 hours of bulb life and greatly extended battery life (30+ hours)

Ordering Information

Part Number	Description	Part Number	Description
C-Series - Coaxial Illumination			
FM-C100	100X w/ Universal Adapter	FM-CX100	100X No Adapter
FM-C160	160X w/ Universal Adapter	FM-CX160	160X No Adapter
FM-C200	200X w/ Universal Adapter	FM-CX200	200X No Adapter
FM-C99	200X & 400X w/ Universal Adapter	FM-CX99	200X & 400X No Adapter
FM-C320	320X w/ Universal Adapter	FM-CX320	320X No Adapter
FM-C400	400X w/ Universal Adapter	FM-CX400	400X No Adapter
FM-C400L	400X Long Working Distance w/ Universal Adapter		
L-Series - Oblique Illumination			
FM-L100	100X w/ Universal Adapter	FM-LX100	100X No Adapter
FM-L160	160X w/ Universal Adapter	FM-LX160	160X No Adapter
FM-L200	200X w/ Universal Adapter	FM-LX200	200X No Adapter
E-Series - Oblique Illumination - uses FMAE series adapter caps			
FM-E100	100X w/ 2.5mm Adapter	FM-E200	200X w/ 2.5mm Adapter
DI-Series - Coaxial & Oblique Illumination - uses FMAE series adapter caps			
FM-DI100	100X w/ 2.5mm Adapter	FM-DI200	200X w/ 2.5mm Adapter

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FMV Series

Video Fiber Scope

The FMV Video Viewer provides an ergonomic and laser-safe method of viewing fibers even if you don't know if they are live. The system incorporates a built-in video microscope within the same housing as a 3.5" TFT LCD. A thumb wheel focus provides one handed operation. The patch cord scope itself accepts FMAE-Series adapters, but is configurable to accept FMA-Series adapters through the use of a coupler.

The FMV offers the terrific advantage of removing the user eye from any direct path associated with traditional optical microscopes.

The system also includes an input for our FBE probe microscopes and an A/B switch to change between video signals. This will allow the user to inspect both male connectors and bulkhead adapters (female) without having to change tips or adapters.

Ordering Information

Part Number	Description
FMV-200	200x Handheld Video Microscope with 3.5" LCD Screen
FMV-200-V	200x Handheld Video Microscope with 3.5" LCD Screen and Built-In Visual Fault Locator
FMV-400	400x Handheld Video Microscope with 3.5" LCD Screen
FMV-400-V	400x Handheld Video Microscope with 3.5" LCD Screen and Built-In Visual Fault Locator

All units require an FMA Series adapter cap sold separately

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Adapter Caps

FMA & FMAE Series

- FMA Series - for the C-Series, L-Series and Video Fiber Scopes
- FMAE Series - for the DI-Series and E-Series Fiber Scopes

FMA Series Adapter Caps

Part Number	Description	Part Number	Description
Single Fiber Connectors			
FMA-U25	2.5mm Universal	FMA-U25-P	2.5mm Universal (Pro Version)
FMA-UAPC	2.5mm Universal, APC	FMA-UAPC-P	2.5mm Universal, APC (Pro Version)
FMA-U12	1.25mm Universal	FMA-U12-P	1.25mm Universal (Pro Version)
FMA-UA12-P	1.25mm Universal, APC (Pro Version)	FMA-U381	3.81mm Universal
FMA-BIC	Biconic	FMA-COD	Corning OptiTap
FMA-D4	D4	FMA-E2A	E2000, for PC & APC
FMA-FCPC	FC	FMA-FC-APC	FC-APC
FMA-LC	LC	FMA-LC-APC	LC-APC
FMA-LC-2X	LC Duplex	FMA-MU	MU
FMA-SC	SC	FMA-SC-APC	SC-APC
FMA-SMA	SMA	FMA-ST	ST
FMA-BF1	Bare Fiber (125um Fiber)	FMA-LEMO1	LEMO F2 Termini
FMA-MIL1	Mil 29504/14/15 Termini	FMA-MIL2	Mil 29504/4/5 Termini
Multi-fiber Connectors			
FMA-MTRJ-1	MTRJ, Simple Type	FMA-MTRJ-2	MTRJ, X-Y Axis Pan/Scroll
FMA-MT	MT, X-Y Axis Pan/Scroll	FMA-MTA	MT-APC, X-Y Axis Pan/Scroll
FMA-MTP	MTP, X-Y Axis Pan/Scroll	FMA-MTPA	MTP-APC, X-Y Axis Pan/Scroll
FMA-MPX	MPX, X-Y Axis Pan/Scroll	FMA-MPXA	MPX-APX, X-Y Axis Pan/Scroll
FMA-MMT-2	Mini-MT Ferrule, X-Y Axis Pan/Scroll		

FMAE Series Adapter Caps

Part Number	Description	Part Number	Description
FMAE-CA1	Converts FMA to FMAE	FMAE-CA2	Converts FMA to FMAE, Centerable
FMAE-U12	Universal 1.25mm	FMAE-U25	Universal 2.5mm
FMAE-UAPC	Universal 2.5mm, APC	FMAE-U25-SF	Universal 2.5mm, Slip Fit
FMAE--SC	SC	FMAE-SC-DUX	SC Duplex
FMAE-LC	LC	FMAE-LC-2X	LC Duplex
FMAE-FC	FC	FMAE-E2A	E2000
FMAE-MTRJ-3	MTRJ for 100x Only	FMAE-MTRJ-4	MTRJ for 200x Only
FMAE-MTP	MTP	FMAE-MTPA	MTP/APC

Specifications may change without notice