



FIM-12 Fiber Microscope

- HD 8/10.4 inch LED display for distinct and clear image shown.
- Smooth focus control, simple operation, stable testing results.
- Contamination and scratches can be clearly checked and resolution reaches 0.5um.
- X/Y axis adjustment for both horizontal and vertical control, broaden the view of field and stabilize image always in center.
- Average light spot in display gets feature of same resolution between fiber core and ceramic end face with little testing errors.
- Optional USB digital function to connect PC and software for end face data analysis based on IEC standard criteria.

Items	Specifications
Magnification/Resolution	400X/0.5um or 200X/0.75um
X/Y Adjustment	X-axis: 4mm
	Y-axis: 3.5mm
Light Source/Service Life	Coaxial Blue LED/50,000 hours above
LED Display Size	16.5*21 (8 inch)
	26*22(10.4 inch)
LED Display Image Size	200X: 40mm
	400X: 80mm
USB Digital Function	An USB Digital function can be optionally equipped with the FIM-12 to connect the PC directly, no need for additional power cord. The enlarge image can be directly viewed and check at Windows System. The USB connector supports 1.0/ 2.0 version.
Pass/Fail Software (optional)	1. Verification of Fiber end face quality, pass or fail judgment based on standard IEC/IPC criteria or customize.
	2.Excel or PDF Report file generated to have scratch, spot, etc., defects measured and counted around the fiber end face.
	3. Analyze Support in image, video and real-time inspection.



Standard Accessories:	
Name	Quantity
FIM-12-4 (400X) or FIM-12-2 (200X) Bench-top Fiber Microscope	1pc
8/10.4 inch LED display	1pc
1.25mm tip for 1.25mm connectors, LC/PC, MU/PC	1pc
2.5mm tip for 2.5mm connectors, SC/PC, FC/PC, ST/PC	1pc
12V Power Cord (BNC output)	1pc
5-pin aviation connector/BNC Connector	1pc
Optional Accessories:	
Name	Quantity
USB Function	1pc
Pass/Fail Software	1pc
Optional Tips for FIM-12 Fiber Microscope	
Name	Quantity
LC-PC-M (For LC/PC connector)	1pc
MU-PC-M (For MU/PC connector)	1pc
SC-APC-M (For SC/APC connector)	1pc
FC-APC-M (For FC/APC connector)	1pc
LC-APC-M (For LC/APC connector)	1pc
2.5M-APC (For 2.5mm connectors, SC/APC, FC/APC, ST/APC)	1pc
1.25APC-M ((For 1.25mm connectors, LC/APC, MU/APC)	1pc



FIM-17 Fiber Microscope

- WiFi and USB connection to smartphone and PC
- Pass/Fail Analysis to IEC 61300-3-35 (only for PC software)
- Several tips available (Both female and male tips)
- Support saving inspected images and reports
- Real-time report in field through smartphone