



The FVW Series microscopes utilize coaxial illumination to provide the user with a critical view of fine scratches, making them the ideal choice for factory post-polish, component assembly, and QC inspection of fiber connectors. The FVW systems are modular units that can be purchased individually or as a set. The workstations include a video microscope, a video monitor, and a 2.5mm universal adapter for viewing the most common types of connectors. Additional adapters can be purchased separately.

These units include the new ScratchView™ feature. In the normal viewing mode defects and debris are easily seen across the end-face, but pressing the ScratchView button on the top of the microscope allows the user to repeatedly see very faint scratches that are otherwise very difficult to detect. Microscopes are also sold as independent units without monitors.

Optical Specifications Table

Optical Magnification	Camera Type	Monitor Size	Actual Magnification	Horiz. Field of View
200x	NTSC	9"	405.12	481 microns
200x	NTSC	12"	566.56	453 microns
200x	PAL	9"	388	501 microns
200x	PAL	12"	540	475 microns
400x	NTSC	9"	870.56	223 microns
400x	NTSC	12"	1193.68	215 microns
400x	PAL	9"	849.68	230 microns
400x	PAL	12"	1124.24	228 microns

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Order Information

Part	Description
FV-080	Video Fiber Microscope, Bench- top, 80x, NTSC, 2.5mm Adapter
FV-080P	Video Fiber Microscope, Bench- top, 80x PAL/EU, 2.5mm Adapter
FV-080UK	Video Fiber Microscope, Bench- top, 80x PAL/UK, 2.5mm Adapter
FV-200	Video Fiber Microscope, Bench- top, 200x, NTSC, 2.5mm Adapter
FV-210P	Video Fiber Microscope, Bench- top, 200x PAL/EU, 2.5mm Adapt
FV-210UK	Video Fiber Microscope, Bench- top, 200x PAL/UK, 2.5mm Adapt
FV-400	Video Fiber Microscope, Bench- top, 400x, NTSC, 2.5mm Adapter
FV-400-L	Video Fiber Microscope, Bench- top, 200x LWD NTSC, 2.5mm Adap
FV-410P	Video Fiber Microscope, Bench- top, 400x PAL/EU, 2.5mm Adapt
FV-410P-L	Video Fiber Microscope, Bench- top, 400x LWD PAL/EU, 2.5mm Ad
FV-410UK	Video Fiber Microscope, Bench- top, 400x PAL/UK, 2.5mm Adapt
FVW-209	Modular Fiber Workstation: FV-200 & 9" Monitor w/2.5mm Univ. Adapter
FVW-209P	Modular Fiber Workstation: FV-210P & 9" Monitor
FVW-212	Modular Fiber Workstation: FV-200 & 12" Monitor
FVW-212P	Modular Fiber Workstation: FV-210P & 12" Monitor
FVW-409	Modular Fiber Workstation: FV-400 & 9" Monitor
FVW-409P	Modular Fiber Workstation: FV-410P & 9" Monitor
FVW-412	Modular Fiber Workstation: FV-400 & 12" Monitor
FVW-412P	Modular Fiber Workstation: FV-410P & 12" Monitor

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