



MP-60 and MP-80

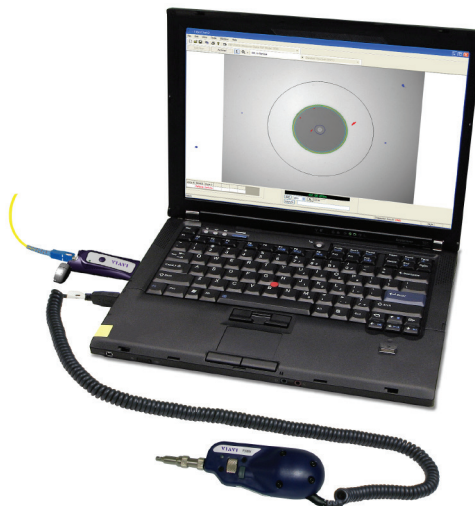
Miniature USB 2.0 Power Meters with
FiberChek™ Pro Integration



Miniature USB Power Meter

The new MP-series power meter is a miniature device that measures optical power via a USB 2.0 connection to a PC/laptop. This unique device makes digital processing of optical power measurements possible and integrates directly with Viavi Solutions FiberChek Pro software, the industry-leading automated fiber inspection and analysis program. Its size, functionality, and ease-of-use makes it an extremely useful and practical tool when testing optical power levels. The simple, straightforward, and intuitive software interface offers a well-organized digital solution to both fiber inspection and test procedures.

MP-series USB power meters integrate directly with FiberChek Pro to offer an easy, practical digital solution for fiber inspection and test.



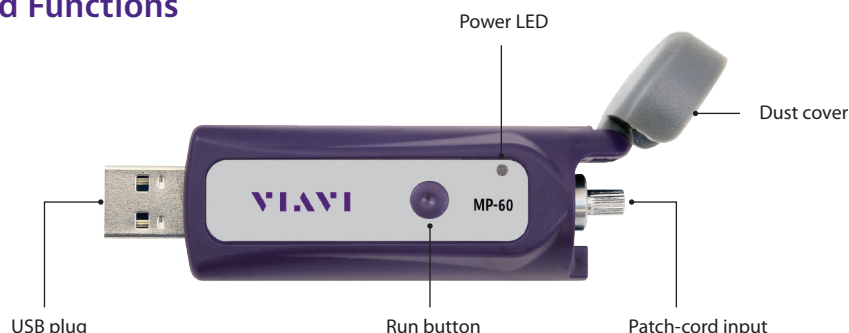
Key Benefits

- Quickly and easily test optical power on PC/laptop
- Small form-factor design for ultimate portability
- Archives and creates custom logs for all results
- Integrate power measurement results into FiberChek Pro files and reports
- Easy and clear digital readouts (with auto-voice option)

Key Features

- Lightweight, small form-factor design for ultimate portability
- Generates measurements in dB, mW, and dBm with auto-voice readout option
- Compatible with FiberChek Pro fiber inspection and analysis software; integrated reporting capabilities within FiberChek Pro
- Simple, accurate, and instant push-button measurement results can be electronically archived, logged, and printed
- Dedicated for all single-mode and multimode applications including LAN, telecom, CATV, and DWDM testing
- Automated data-logging capabilities
- Automatic wavelength detection
- Measures optical power with multiple pre-calibrated wavelengths: MP-60 at 850/1300/1310/1490/1550 nm; MP-80 at 980/1310/1480/1550 nm

Components and Functions



Specifications

MP-60	
Dimensions	86 x 25 x 19 mm (3.4 x 1.0 x 0.8 in)
Weight	14 g (0.5 oz)
USB type	USB 2.0
Connector input	Universal 2.5 and 1.25 mm connectors
Measurement types	dB, mW, dBm
Detector type	Germanium
Power source	USB port on PC or laptop
Display range	–65 to +10 dBm
Max. permitted input level	+13 dBm
Intrinsic uncertainty ¹	±0.20 dB (±5%)
Linearity ¹ (–50 to +5 dBm)	±0.06 dB
Standard wavelength settings	850, 980, 1300, 1310, 1490, 1550, 1625 nm
Wavelength range	780 to 1650 nm
Wavelength and modulation	270 Hz, 330 Hz, 1 kHz, 2 kHz
1300, 1310, 1490, 1550, 1625 nm	–50 to +10 dBm
850, 980 nm	–45 to +10 dBm
Warranty	1 yr

MP-80	
Dimensions	86 x 25 x 19 mm (3.4 x 1.0 x 0.8 in)
Weight	14 g (0.5 oz)
USB type	USB 2.0
Connector input	Universal 2.5 and 1.25 mm connectors
Measurement types	dB, mW, dBm
Detector type	Germanium
Power source	USB port on PC or laptop
Display range	–50 to +26 dBm
Max. permitted input level	+27 dBm
Intrinsic uncertainty ¹	±0.20 dB (±5%)
Linearity ¹ (–32 to +20 dBm)	±0.06 dB
Standard wavelength settings	850, 980, 1300, 1310, 1490, 1550, 1625 nm
Wavelength range	780 to 1650 nm
Wavelength and modulation	270 Hz, 330 Hz, 1 kHz, 2 kHz
1300, 1310, 1490, 1550, 1625 nm	–35 to +23 dBm
850, 980 nm	–30 to +23 dBm
Warranty	1 yr

1. Under the following reference conditions: –20 dBm (CW), 1300 nm ±1 nm, 23°C ±3K, 45 to 75% relative humidity, 9 to 50 µm fiber. Ordering Information

Ordering Information

Description	Part Number
USB Optical Power Meter: Includes software, 2.5mm interface , carrying pouch	MP-60
USB Optical Power Meter: Includes software, 2.5mm interface, 1.25 interface , 30" (75cm) USB extender, carrying pouch	MP-60A
USB Optical Power Meter - High Power - Includes software, 2.5mm interface , carrying pouch	MP-80
USB Optical Power Meter - High Power - Includes software, 2.5mm interface, 1.25 interface , 30" (75cm) USB extender, carrying pouch	MP-80A
Digital Inspection & Test Kit: Includes FBP-5000 Digital Probe Microscope, inspection tips (SC, LC, Univ. 2.5 & 1.25 male), MP-60 USB Optical Power Meter with 2.5mm and 1.25 interfaces , software, 30" USB extender, carrying case	FIT-SD03



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