



Extech power meters and light sources provide an integrated single source solution for single mode and multimode fiber optic network testing and certification.

Featuring Models with:

Fiber Certification

With high accuracy and high resolution

User Friendly Interface

With alpha numeric membrane keypad for easy entry of testing documentation

Built in Loss Wizard™

Calculates the maximum allowable optical loss and provides simple pass/fail certification

<F0600 FiberMeter

is a high accuracy, high resolution, microprocessor controlled, optical power meter that easily calculates the allowable power loss for fiber runs. For best results, choose a Fiber Kit with your light source of choice.

Software included for professional certification reports

Ordering

MicroMeters (See MO Series for more details)
 MO600 ...MicroMeter with SC connector\$695
 MO700 ...MicroMeter with Universal connector\$795
 FOA125 ...1.25mm Adaptor for LC and MU interface\$59

Visit www.extech.com for product updates on Fiber Optics

Specifications

Model	F0600	F0610	MO500	MO510	MO520
Measurement Ranges:	+5 to -70 dBm	+25 to -50dBm	+5 to -70dBm	+5 to -70dBm	+5 to -70dBm
Resolution:		0.01dB	0.01dB	0.01dB	0.01dB
Absolute Accuracy (0 to -45dBm):		±0.15dB	±0.15dB	±0.15dB	±0.15dB
NIST Traceable Calibrated Wavelengths for 850, 1310, 1550nm:		Yes	Yes	Yes	Yes
Factory Calibrated Wavelengths for 980 & 1480nm:		Yes	—	—	—
Light Source (built-in):		—	—	850nm	1300nm
Battery Life:	9V battery / > 200 hours		9V battery / >100 hours		
Dimensions:	6.5x3.5x1.1" (165x88x28mm)		4.9x2.8x1.3" (125x70x33mm)		
Weight:	11oz (318g)		6oz (170g)		
Price:	\$895	\$945	\$645	\$695	\$795



F0 Series
From \$895

FiberMeter Optical Power Meters

Ideal for testing and certifying in both Multimode and Single Mode applications

- Two Models display wide 75dB dynamic range
- FO610 - High Power model is ideal for direct measurements of laser output power on CATV and telco systems
- Stores 900 labeled data records including fiber type and site
- Built-in Loss Wizard™
- 2.5mm universal fiber adaptor accepts ST, SC, FC, DIN, E2000 fiber connector types.
- Optional (FOA125) 1.25mm universal adaptor for LC type
- High impact Valox™ splashproof case, large backlit LCD display with user prompts.
- Complete with Windows® compatible software, serial cable, two 9V batteries and pouch case with belt clip



MO Series
From \$645

MicroMeter Optical Power Meters

Compact Certifying Multimode and Single Mode Tester

- Wide 75dB dynamic range of +5dBm to -70dBm
- Stores 900 labeled data records including fiber type and site
- Built-in Loss Wizard™
- ABS splash proof case, backlit LCD display with user prompts
- Models available with built-in light source and SC or Universal connectors. See ordering information
 - MO600 with SC connector
 - MO700 with 2.5mm Universal connector, adaptable to 1.25mm universal for LC
- Complete with ST connector, protective rubber holster, Windows® compatible software, serial cable, one 9V battery, and pouch case with belt clip



Light Sources
From
\$169

NEW!



Fiber Optic Test Kits
From
\$1399

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Fiber Optic Meters

LED and Laser Light Sources

Affordable LED and Laser Light Sources provide high stability

LED Multimode Light Source Models:

- Stable temperature compensated LED 850nm or 1300nm source (or both 850nm and 1300nm)
- Standard ST connector (SC also available)
- -20dBm output power at 25°C with 0.1dB accuracy
- Provides 40 hours of operation

Laser Single mode Light Source Models:

- Temperature compensated laser light sources with 1310nm or 1550nm output into FC, SC or ST connectors (or both 1310 and 1550nm)
- Provide 50dB measurement range when used with FiberMeter or MicroMeter
- 2nm Spectral Width
- Provides 60 hours of operation
- -10dBm output power into single mode fiber; 0.1dB accuracy

Common Features:

- Typical one hour drift of only 0.05dBm
- Dimensions: 4.9x2.8x1.3" (125x70x33mm)/5oz (154g)
- Complete with protective rubber holster, 9V battery, and case with belt clip

FiberMeter Test Kits

Certification test kits include power meter and LED or Laser Light Source

- Fiber certification with high accuracy and high resolution for both multimode and single mode applications
- Choose kits that include popular FO600 power meter (p. 48) coupled with a multimode light source or a combination of multimode and single mode light sources (p. 49)
- Internal memory stores up to 1000 measurements and physical fiber characteristics for up to four sites
- Selectively view, re-measure, print or delete stored information
- Use the RS-232 interface and Windows® compatible software to download data and print professional certification reports
- Built-in Loss Wizard™ calculates the maximum allowable optical loss according to EIA/TIA standards and provides simple Pass/Fail certification
- Complete kits include FO600 FiberMeter, Light Source(s), Windows® compatible software, DB9 serial cable, CD-ROM based graphical operation manual, Certificate of calibration, two 9V batteries, alcohol wipes, 2 patch cords with bulkheads in a hardened travel case (4 patch cords and bulkheads in dual source kits). Select kit part number below based on the light source required.

Ordering

LE200ST.....850nm LED Light Source	\$169
LE210ST.....1300nm LED Light Source	\$325
LE220ST.....850nm & 1300nm LED Light Source	\$395
LS300FC.....1310nm Laser Light Source	\$645
LS310FC.....1550nm Laser Light Source	\$825
LS320FC.....1310 and 1550nm Laser Light Source	\$1195
LS300ST.....1310nm Laser Light Source	\$645
LS310ST.....1550nm Laser Light Source	\$825
LS320ST.....1310 and 1550nm Laser Light Source	\$1195

Ordering

FO600M-kit.....Multimode 850 & 1300nm (ST)	\$1,399
FO600ST2-kit.....Multimode 850 & 1300nm (ST) & Single Mode 1310+1550nm (ST).....	\$2,850
FO600SC2-kit.....Multimode 850 & 1300nm (ST) & Single Mode 1310+1550nm (SC).....	\$2,950
FO600FC2-kit.....Multimode 850 & 1300nm (ST) & Single Mode 1310+1550nm (FC)	\$2,850
PCSTST.....Multimode Patch Cable ST/ST	\$19
PCSTSTSM.....Single Mode Patch Cable ST/ST	\$35