

MicroMeter Optical Power Meter

Compact certifying tool with wide 70dBm range

Made in USA

Features:

- Fiber certification with high accuracy and high resolution for multimode and single mode applications
- Wide 70dB dynamic range of +5dBm to -65dBm with ± 0.15 dB accuracy
- Compact size with ABS splash proof case
- Internal memory stores up to 1000 measurements and physical fiber characteristics for up to four sites
- User friendly interface with alpha numeric membrane keypad for easy entry of testing parameters for documentation including site name, date, fiber type and length, connectors and splices
- Selectively view, re-measure, print or delete stored information
- Use the RS-232 interface and Windows® compatible OWL Reporter software to download data and print professional certification reports
- Built-in Loss Wizard™ calculates the maximum allowable optical loss according to TIA standards and provides simple Pass/Fail certification
- Optional models with built-in light source (MO510 & MO520) or order LED light sources separately (see ordering information below)
- Optional models with SC or Universal 2.5mm interface
- Includes Windows® compatible software, DB9 serial cable, CD-ROM based graphical operation manual, Certificate of calibration, 9V battery and case with belt clip.



Certification Report printed from PC



Software Included



Optional battery operated serial printer for printing loss measurement reports in the field.

CE

NIST Traceable

Specifications	Micro OWL
Measurement Ranges	+5 to -65dBm
Resolution	0.01dB
Absolute Accuracy	± 0.15 dB (0 to -45dBm)
NIST Traceable Calibrated Wavelengths	850, 1310, 1550nm
Light Source (built-in)	850nm (MO510); 1300nm (MO520)
Power/Battery Life	9V battery / >100 hours
Dimensions	4.94 x 2.75 x 1.28" (125 x 70 x 33mm)
Weight	6 oz. (170g)

Ordering Information:

- MO500MicroMeter with ST interface
- MO550MicroMeter Kit (MO500 meter plus LE220ST Dual Light Source)
- MO510MicroMeter with 850nm light source, ST interface
- MO520MicroMeter with 1300nm light source, ST interface
- MO600MicroMeter with SC interface
- MO700MicroMeter with Universal interface
- 77828D1Mini Serial Thermal Printer



Optional LED and Laser light sources available.