Micro OWL

<div align="right">Optical Power Meter</div>

Features

1mm Germanium photodetector with 2.5mm universal adapter (FX+ models) OR 2mm Germanium photodetector with 2.5mm / 1.25mm universal adapter (RC+ models)

Multimode and single-mode ready

Backlit graphic LCD display

Long battery life - over 100 hrs on one 9v battery

Data storage for 1000 points including run labels, fiber type, and site information including site name, date, reference power values, fiber length, and number of splices and interconnects

Built in loss wizard for calculation of maximum allowable loss values

RS-232 interface for continuous data logging, report printing, or data downloading

OWL Reporter software for printing formatted fiber certification reports

Absolute or relative mode for giving you instant pass/fail results

Selectively view, delete or resample data points

Optional integrated 850nm or 1300nm light source

Key Specifications

Measurement range	+5 to -70dBm
Absolute accuracy[1]	+/- 0.15dB
Wavelength range	750nm to 1700nm
NIST traceable calibrated wavelengths	850nm, 1300/1310nm, 1550nm
Resolution	0.01dB
Precision[1]	+/- 0.05dB
Dimensions	4.94 x 2.75 x 1.28 in

Conforms to the Harmonized European Standards EN 61326-1 and EN 61010-1.

Applications

The Micro OWL is a high accuracy, high resolution, microprocessor controlled, optical power meter. The meter has a 75dB dynamic range making it ideal for both single-mode and multimode fiber testing.

It has an attractive handheld case with a backlit, graphic, liquid crystal display, and 18-key keypad for easy data entry. It is offered with a 2.5mm universal fiber connector. It will operate for over 100 hours on a standard 9v battery and has built in auto shutdown.

The Micro OWL includes a built in loss wizard that helps you easily calculate the allowable loss for the fiber runs that you will be measuring. The meter stores physical fiber information for up to four sites. Site information includes: site name, date, fiber type, fiber length, connectors, splices, temperature, and calculated or entered reference power values for three wavelengths. In addition the meter will store up to 1000 measured data points with labels. Each value includes the fiber type and site.

The stored information can be selectively viewed, edited (measured again), printed, or deleted. The meter will print formatted reports of selected stored data directly using the built in serial port, or all of the stored data can be downloaded to a computer spreadsheet or our free OWL Reporter software to produce formatted certification reports.

Optional light source for fast bidirectional testing, fiber spool testing, and patch cord testing.

Note 1: Over range of 0 to -45 dBm

MADE IN USA

N.I.S.T. Traceable

Product manuals come in PDF format on CD. Adobe Acrobat Reader™ is required to view these documents.

Carrying cases and patch cables are available for an additional charge. Call 262-473-0643 for more information.