

# Silicon ZOOM / Dual OWL 850 Test Kit

Multimode Fiber Test Kit

## Overview

The **Silicon ZOOM / Dual OWL 850 Test Kit** is ideal for LAN managers and installers who need to do simple attenuation tests on their multimode networks.

The **Silicon ZOOM** is an economical fiber optic power meter designed to provide accurate testing of multimode fiber cables at 850nm wavelength. The 7-segment LED display shows power readings with a resolution of 0.1dB. LED indicators confirm selection of dB or dBm mode and verify that the battery power is sufficient to maintain accurate measurements. The Silicon ZOOM comes configured with a 2.5mm fixed universal connector.

The **Dual OWL 850** is our 850nm NIST traceable multimode light source. Its 850nm output is temperature-stabilized for accurate measurements. The Dual OWL 850 has two connector options: ST or SC.



## Kit Contents

<b>Power Meter:</b>	Silicon ZOOM
<b>Light Source:</b>	Dual OWL 850
<b>Accessories:</b>	Product manuals 9-volt batteries NIST certificate Carrying case Protective rubber boots

## Features

- Economical option for quick attenuation and loss testing of multimode networks at 850nm
- Easy-to-read 7-segment LED displays power in both dBm and dB
- Store reference values for calibrated wavelengths
- Single push-button for setting "zero" reference
- Simple on / switch operation
- Power on / low battery indicators
- NIST traceable

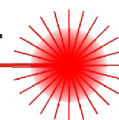


## N.I.S.T. Traceable

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.



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## Specifications

### Silicon ZOOM Optical Power Meter

Detector	Si 1mm
Calibrated Wavelengths	850nm
Measurement Range	+3 to -52 dBm
Accuracy	±0.24 dBm
Resolution	0.10 dBm
Battery Life	15hrs.
Operating Temperature	0 to 55°C
NIST Traceable	Yes
Battery Capacity Display	Yes
Connector	2.5mm Fixed Univ.
Width	2.75"
Height	4.94"
Depth	1.28"
Weight	154g

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

### Dual OWL 850 Multimode Light Source

Launch Method	LED
Connector	ST or SC
Center Wavelength	850 ±20nm
Spectral Width (FWHM)	35 nm
Output Power	-20.0 dBm
Initial Accuracy	0.1 dB
Fiber Type	multimode
Battery Life	40 hrs.
Battery Capacity Display	Yes
Operating Temperature	0 to 55° C
Storage Temperature	0 to 75° C
Width	2.75"
Height	4.94"
Depth	1.28"
Weight	154g

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

