Econo OWL / Dual OWL 850 Test Kit

Multi-mode Fiber Test Kit

Overview

The ***Econo OWL / Dual OWL Test Kit*** is ideal for LAN managers and installers who need to do simple attenuation tests on their multi-mode networks.

The ***Econo OWL*** is an economical fiber optic power meter. It provides accurate testing of multi-mode fiber cables when used with a -20dBm 850nm light source. The smooth-scrolling LED bar graph allows higher resolution measurements than other meters in the same economy class. LED indicators confirm selection of the detector and verify that the battery power is sufficient to maintain accurate measurements. The Econo OWL comes configured with an ST connector.

The ***Dual OWL 850 ST*** is our 850nm NIST traceable multi-mode light source. Its 850nm output is temperature-stabilized for accurate measurements. The Dual OWL comes configured with an ST connector.

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.

MADE IN USA

NIST Traceable

Econo OWL Dual OWL 850 ST

Kit Contents

Power Meter:	Econo OWL
Light Source:	Dual OWL 850 ST
Accessories:	Product manuals 9-volt batteries NIST certificate

Features

- Economical option for quick attenuation testing of multi-mode networks
- Smooth scrolling bar graph that allows accurate readings in both dBm and microwatts
- Simple on switch operation
- Power on / low battery indicators
- NIST traceable

Specifications

Econo OWL Optical Power Meter

Detector	Si 1mm
Calibrated Wavelength	850nm
Measurement Range	-21 to -35 dBm
Accuracy	0.5dBm
Resolution	0.38 dBm
Battery Life	60hrs
Operating Temperature	0to55°C
NIST Traceable	Yes
Battery Capacity Display	Yes
Connector	ST
Width	2.75”
Height	4.94”
Depth	1.28”
Weight	154g

Dual OWL 850 ST Multi-mode Light Source

Launch Method	LED
Connector	ST
Center Wavelength (850nm)	850 ±20nm
Spectral Width (FWHM; 850 nm)	35 nm
Output Power (62.5µm core)	-20.0 dBm
Initial Accuracy	0.1 dB
Fiber Type	Multi-mode
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

O.W.L. Optical Wavelength Laboratories
Manufacturer of Quality Optical Fiber Test Equipment

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