

# Contractor Series Multimode Test Kit

SKU: KIT-CS1st  
SKU: KIT-CS1sc

Multimode Fiber Test Kit

## Overview

The OWL Contractor Series Multimode test kit is cost-effective and delivers professional fiber test results that enable contractors to quickly and easily measure the optical loss of their multimode fiber networks.

The Micro OWL optical power meter is one of the world's most compact, yet accurate, hand-held fiber testers with both multimode and singlemode capability. Its backlit LCD display is easy to read and can display readings in dBm (optical power), dB (optical loss), and microwatts. A flexible universal adapter system can accept a wide range of connectors, including ST, SC, FC, LC, MU, and many other SFF connectors, all using the same port!

The WaveSource MM contains a single-port dual-wavelength LED source for 850 and 1300nm, and offers the choice of either ST or SC connectors.

In addition to the meter and source, each OWL Contractor Series Multimode test kit comes with a hard-shell carrying case, protective rubber boots, carrying straps, 9-volt batteries, NIST certificate of calibration, quick reference guide, and CD-ROM containing operations manuals.

**UPGRADE NOTE:** OWL Contractor Series test kits can be upgraded to become full-featured fiber optic link certification test kits. With this upgrade, users may store up to 1000 EIA/TIA-568-B.3 test results which can then be downloaded into OWL Reporter software for the purpose of printing professional certification reports.

For more information about Contractor Series test kits, contact OWL at 262-473-0643.

## Kit Contents

**Power Meter:** Micro OWL CS  
**Light Source:** WaveSource MM  
**Accessories:** Product manuals  
9-volt batteries  
NIST certificate  
Carrying case  
Protective rubber boots



ASSEMBLED IN USA

**N.I.S.T. Traceable**

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

Patch cables are available for an additional charge. Contact OWL for more information.

## Specifications

Micro OWL CS Optical Power Meter	
Detector Type	Ge
Calibrated Wavelengths	850nm, 1300nm, 1310nm, 1550nm
Measurement Range	+5 to -70 dBm
Accuracy	±0.15 dB
Resolution	0.01 dB
Battery Life	up to 100 hours (9V)
Connector Type	2.5mm / 1.25mm Universal
Power Units Displayed	dBm, dB, µW
Battery Capacity Display	Yes
Backlight	Yes
NIST Traceable	Yes
Auto-shutdown	Yes
Operating Temperature	-10 to 55 C
Storage Temperature	-30 to 70 C

WaveSource MM Light Source	
Launch Method	LED
Connector	ST or SC
Center Wavelength (850 nm)	850 +30/-10 nm
Center Wavelength (1300 nm)	1300 ±50 nm
Spectral Width (FWHM; 850 nm)	50 nm
Spectral Width (FWHM; 1300 nm)	180 nm
Output Power	-20.0 dBm
Initial Accuracy	0.1 dB
Fiber Type	multimode
Battery Capacity Display	Yes
Operating Temperature	-20 to +70° C
Storage Temperature	-40 to +85° C

Each unit conforms to the Harmonized European Standards EN 61326-1 and EN 61010-1.



**o.w.l.** MANUFACTURER OF QUALITY OPTICAL FIBER TEST EQUIPMENT  
**OPTICAL WAVELENGTH LABORATORIES™**



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