

Contractor Series Singlemode/Multimode Test Kit

SKU: KIT-CS2st
SKU: KIT-CS2sc

Singlemode/Multimode Fiber Test Kit

Overview

The OWL Contractor Series Singlemode / 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 singlemode and 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 Quad fits all four common fiber optic wavelengths – 850/1300 for multimode and 1310/1550 for singlemode – into a single light source unit, and offers the choice of either ST or SC connectors.

In addition to the meter and source, each OWL Contractor Series Singlemode / 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 Quad
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 Quad MM/SM Light Source

Launch Method (multimode)	LED
Launch Method (singlemode)	FP Laser
Connector Type	ST or SC
Center Wavelength (850nm)	850 +30/-10nm
Center Wavelength (1300nm)	1300 ±50 nm
Center Wavelength (1310nm)	1310 ±30nm
Center Wavelength (1550nm)	1550 ±30nm
Spectral Width (FWHM; 850nm)	50nm
Spectral Width (FWHM; 1300nm)	180nm
Spectral Width (FWHM; 1310/1550nm)	2nm
Output Power (multimode)	-20.0 dBm
Output Power (singlemode)	-10.0 dBm
Initial Accuracy	0.1 dB
Output Modes	Continuous Wave Modulated
Battery Life	up to 30 hrs.
Battery Type	9V alkaline
Battery Capacity Display	Yes
Operating Temperature	0 to 55° C
Storage Temperature	0 to 75° 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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