

WaveSource Pro

SKU: see configuration table below

Fiber Optic Light Sources

Features

- Temperature-stabilized sources
- Multimode and/or single-mode versions available
- Optional integrated Visual Fault Locator (VFL) for multimode only or single-mode only versions
- SC connectors (ST or FC available upon request)
- Re-chargeable Lithium Polymer battery - up to 150 hours battery life
- Combination selected source / Low battery indicator LEDs
- Intuitive 4-button interface
- Continuous Wave (CW) or modulated mode
- NIST traceable
- Hand-held
- Very economically priced

Key Specifications

Output Power	-20 dBm (multimode) -10 dBm (singlemode)
Initial Accuracy	+/- .10dB @ 25 C
NIST traceable calibrated wavelengths	850nm, 1300nm (multimode) 1310nm, 1550nm (singlemode)
Center Wavelength	850nm +30 / -10 nm (LED) 1300nm +/- 50nm (LED) 1310nm +/- 20nm (Laser) 1550nm +/- 30nm (Laser)
Spectral Width	50nm @ 850nm (LED) 180nm @ 1300nm (LED) 2nm @ 1310nm (Laser) 2nm @ 1550nm (Laser)
Operating Temperature	-20 to +70 C
Storage Temperature	-40 to +85 C

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



Laser source (1310/1550nm):
Class 1 Laser Output

Visual Fault Locator (635-650nm):
Class 2 Laser Output
Do NOT stare into beam.

IEC 60825



WaveSource Pro Configurations

Part #	Multimode		Single-mode	
	Wavelengths	Connectors	Wavelengths	Connectors
WPMS	850, 1300	SC	1310, 1550	SC
WPMX	850, 1300	SC	N/A	N/A
WPSX	N/A	N/A	1310, 1550	SC
WPSV	650nm VFL*	SC	1310, 1550	SC
WPMV	850, 1300	SC	650nm VFL*	SC

Part No. Legend
WP(port1)(port2)

- M = 850/1300nm multimode
- S = 1310/1550nm singlemode
- V = Visual Fault Locator
- X = no additional source installed



Applications

WaveSource Pro series light sources provide the fiber optic professional with a wide range of options for their testing needs.

The WaveSource Pro comes configured with your choice of multimode and/or single-mode sources. Multimode only and single-mode only sources also have the option of having a Visual Fault Locator (VFL).

WaveSource Pro series light sources provide high output and stability at an economical price. The sources provide temperature-compensated outputs, and have an intuitive 4-button interface with controls for power, transmission mode, wavelength, and auto-test mode. LED indicators highlight the selected source and verify that battery power is sufficient to maintain the calibrated output power.

When used with a Fiber OWL 7 series optical power meter, the auto-test function of the WaveSource Pro will allow auto-wavelength switching and auto-storage of test points, saving valuable test time.

Warning: LEDs and lasers such as the ones in WaveSource Pro light sources produce intense beams of infrared energy that is invisible to the eye.

NEVER LOOK INTO A LIGHT SOURCE OR THE END OF A FIBER THAT MAY BE ENERGIZED BY A SOURCE!

Exposure to such energy can cause serious retina damage, and prolonged exposure can cause blindness.



ASSEMBLED IN USA

Product manuals come in PDF format. 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.



OPTICAL WAVELENGTH LABORATORIES™

MANUFACTURER OF QUALITY OPTICAL FIBER TEST EQUIPMENT



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