# WaveSource Pro

SKU: see configuration table below

#### 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 850nm, 1300nm (multimode) calibrated wavelengths 1310nm, 1550nm (singlemode)

Center Wavelength 850nm +30 / -10 nm (LED)

1300nm +/- 50nm (LED) 1310nm +/- 20nm (Laser) 1550nm +/- 30nm (Laser)

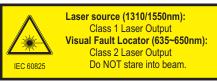
Spectral Width 50nm @ 850nm (LED)

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.





#### WaveSource Pro Configurations

	<u>Multimode</u>		Single-mode	
Part #	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 autotest 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.



Product manuals come in PDF format. Adobe Acrobat  $\mathsf{Reader}^\mathsf{TM}$  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™**