

# SEDONA series



## Integrated Photonics Platform

Optilab is proud to announce the debut of the new SEDONA Series product line. The SEDONA Series platform is battery operated and completely portable with a 7" LCD touch screen, USB port, and Wi-Fi capabilities.

SEDONA series is designed to incorporate full photonics functionalities that includes: tunable laser, Optical Modulator, Photo Detector, Power Meter, FFT Analyzer, Waveform Recording and other. By combining these functions, Optilab produces easy to use, powerful solutions for different applications.

## Features

- Full Functionalities
- Tunable or Fixed Laser
- Optical Modulator
- FFT Analyzer
- Power Meter
- Photo Detector/Receiver
- Waveform Recording

## Series Models

- TWL-S
- PWA-S
- LMR-S
- PMM-S

# SEDONA SERIES PLATFORMS

## TWL-S



## Tunable Wavelength Laser

- Continuously tunable from:  
1528nm - 1564nm and/or 1570nm to 1610nm
- Up to 40mW in output power level
- Wavelength setting resolution of 0.8nm with accuracy of 1pm
- Coherence mode with linewidth < 100kHz
- Full wavelength range sweeping capability
- Built-in Optical Power Meter for diagnosis

## PWR-S



## Power Waveform Recorder

- Optical Power measurement (DC) from -30dBm to +20dBm
- Optical Waveform analyzer (AC) from DC – 1MHz
- Fast Fourier Transform (FFT) to 1MHz with peak detection
- Electrical Waveform measurement (AC) from DC -1 MHz
- Fast Fourier Transform (FFT) to 1MHz with peak detection
- Multiple electrical signal Output for sinusoidal, square wave, triangular to 100kHz

## LMR-S



## Lightwave Modulator Receiver

- Tunable laser for C/L band
- Narrow linewidth DFB
- Optical power meter
- Mach Zehnder Modulator up to 40Gb/s
- Automatic Bias Control (ABC)
- Photoreceiver up to 40Gb/s

# SEDONA SERIES PLATFORMS

## OPTIONS

SEDONA series

## TECHNICAL INFO

For technical info and support:

[sales@optilab.com](mailto:sales@optilab.com)

[www.optilab.com](http://www.optilab.com)

## WEB ORDER

To order, please click below.



## Optilab Advantage

- Innovation
- Performance
- Quality
- Customization
- Warranty