

Swept Laser Source

Based on our advanced electrically tuneable filter, we announce a new swept laser source in 1300 nm and 1550 nm range. This laser source is intended for wide range of application, including OCT, spectroscopy etc. Two optional features are included for accurate and reliable performance (i) wavelength reference using stabilized fiber Brag gratings (FBG) and (ii) k-space trigger output using Mach-Zehnder Interferometer (MZI).

This system is controlled by a computer in a user-friendly interface through the USB port. The tuning speed and the scanning range can be easily set in the interface window. This product is available as OEM or turn-key solution.

FEATURES:

- Unidirectional sweep
- Wideband
- 1300 nm and 1550 nm range
- User-friendly interface
- OEM or turn-key solution
- Wavelength reference
- K-space trigger output

APPLICATIONS:

- OCT
- Spectroscopy

SPECIFICATIONS:

Parameters	Unit	Specification
Center wavelength	nm	1310, 1550
Tuning Range	nm	>100
Repetition rate	KHz	< 6
Output power	mW	>5
FWHM	pm	<50
Output polarization	-	Depolarized
SMSR	dB	> 40
Fiber output	-	SMF
Connector	-	FC/APC, FC/PC
Interface	-	USB
Operation Temperature	°C	10 - ~50
Dimensions	mm	350x350x150

