

Swept Laser Source

Based on our advanced electrically tunable filter, we announce a new swept laser source in 1550, 1310 or 1060 nm range. This swept laser source is intended for a wide range of applications including fiber sensor systems, fiber component testing, OCT, biomedical, spectroscopy, instrumentation, etc. With custom wavelength reference, signal acquisition becomes much simpler.

Features:

- Bidirectional sweep
- Mode-hop free laser
- Stand-alone operation
- Custom wavelength reference
- Electrical square wave trigger
- Scanning ON/OFF switch



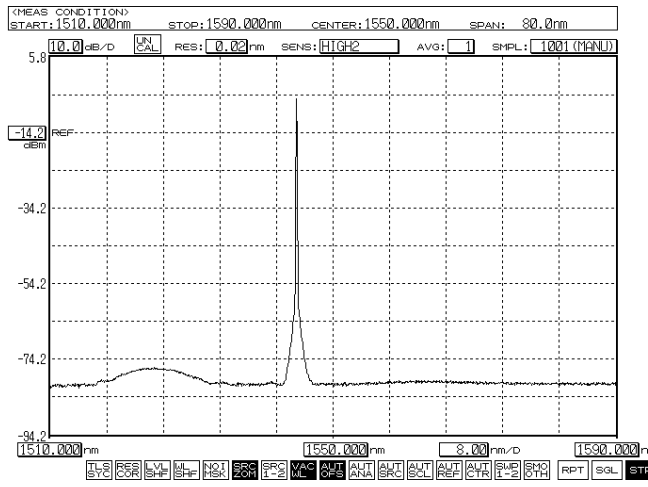
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Specifications:

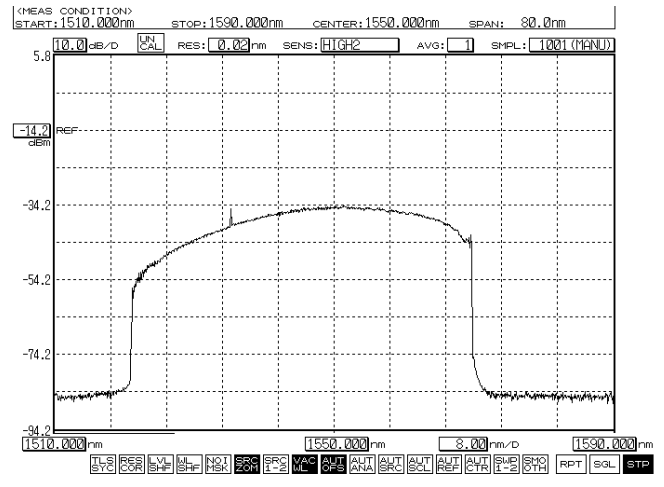
	OESLS-100
Center wavelength (nm)	1060, 1310, 1550
Tuning range (nm)	~50
Repetition rate (Hz)†	~640
FWHM (nm)	~0.05
SMSR (dB)	> 55
Output power (mW)	> 5
Duty cycle (%)	~50
Operation temperature (°C)	10-60
Dimensions (cm)	7x19x31

†. Double sided scanning.

Note: All specifications are subject to change without notice.



Laser output when sweeping is OFF.



Swept laser spectrum.

Please feel free to contact us at (514) 334-4588 or at sales@o-eland.com for more information on this product.