O/E LAND INC.
7639 Cordner
Lasalle, QC, Canada, H8N 2X2
Tel:1-514-334-4588
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[**OETLIS-100**]

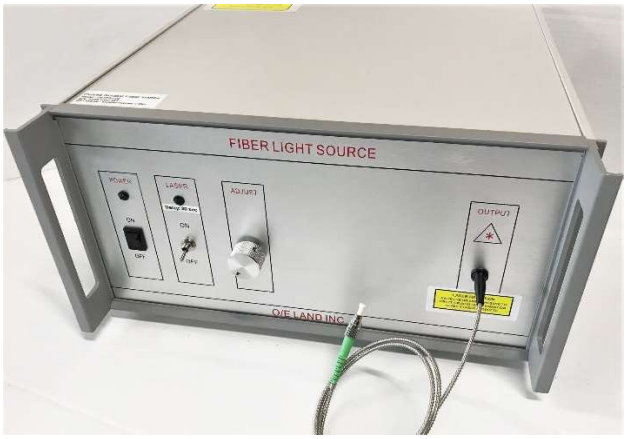
Ultra-wide Tuning Range Light Source

Features:

- Ultra-wide tuning range
- Linear wavelength tuning
- User-friendly interface

Applications:

- Interrogation systems
- Laboratory Test and measurements
- Biomedical applications
- Research and development



OETLIS-100

Product description:

The Ultra-wide Tuning Range Light Sources **OETLIS-100** are based on the filtering of a supercontinuum laser source. The output bandwidth is determined by the tunable filter and can be from sun-nanometer range up to few nanometers. The tuning range covers over few hundred nm at various center wavelengths from 450 to 3000 nm range. Both manual and electrical tuning versions are available. In electrical version, the light source is controlled by a computer with a user-friendly interface through the USB port. This compact, rugged laser provides high optical signal-to-noise ratio (OSNR) and excellent linear wavelength-scanning, which is a cost-effective solution for system integration applications as well as laboratory purposes.

Product specifications:

Parameter	Unit	OETLIS-100 Ultra-wide Tuning Range Light Source			
Model		**OETLIS-100-1**	**OETLIS-100-2**	**OETLIS-100-3**	**OETLIS-100-4**
Tuning Range	nm	450 - 950	900 - 1700	1100 - 2200	1600 - 3000
Wavelength resolution	pm	~ 10			
Wavelength repeatability	pm	± 30			
Output power	mW	0.05 - 0.2			
Output bandwidth	nm	0.1 - 10			
OSNR	dB	> 30			
Interface (electrical)	-	USB			
Operation Temperature	°C	10 - 60			
Dimensions (WxHxD)	mm	310 x 120 x 310			

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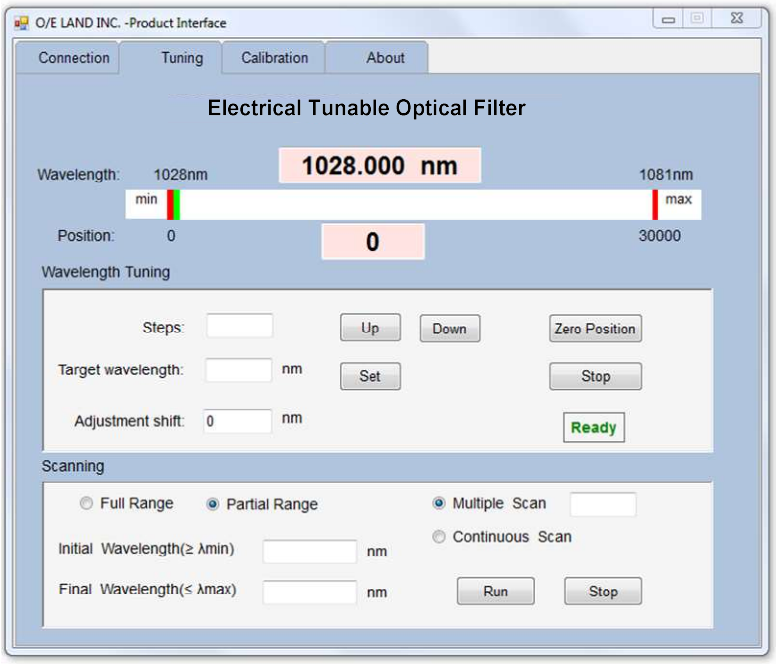
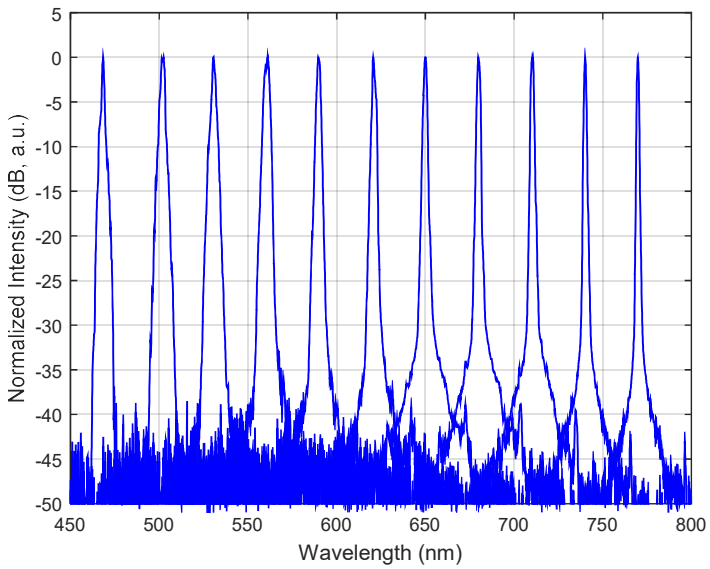
Both manual and electrical versions have the same specifications. In manual version, a micrometer knob is used to change the wavelength, while in electrical version the wavelength tuning is controlled by an interface. The main windows of the interface in electrical version looks like the following figure, where user can easily set the target wavelength or scan (multiple or continuous) between two specified wavelengths.



OETLIS-100-E Interface

Product spectrum:



OETLIS-100-1 Spectrum

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Ordering number for OETLIS-100:

Ordering number	WL: Wavelength range (nm)	TR: Tuning range (nm)	B: Bandwidth (nm)	T: Type
OETLIS-100-WL-TR-B-T	1: 450-950 nm 2: 900-1700 nm 3: 1100-2200 nm 4: 1600-3000 nm	Specify value within the chosen wavelength range	Specify value within the available range	M: Manual E: Electrical
Example:	**OETLIS-100-1-150-0.5-E**			