

[OETLIS-100]

Tunable Light Sources (VIS)

Features:

- Narrow linewidth
- High SMSR
- Wide tuning range
- Linear wavelength tuning
- User-friendly interface

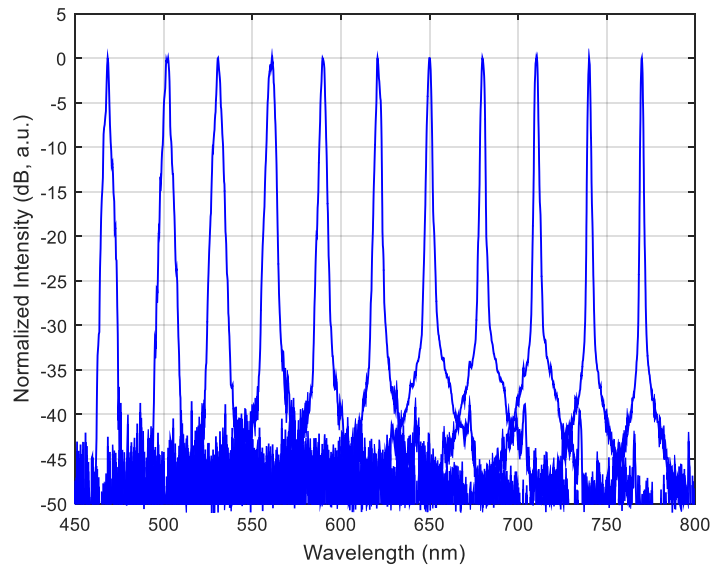

OETLIS-100
Applications:

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

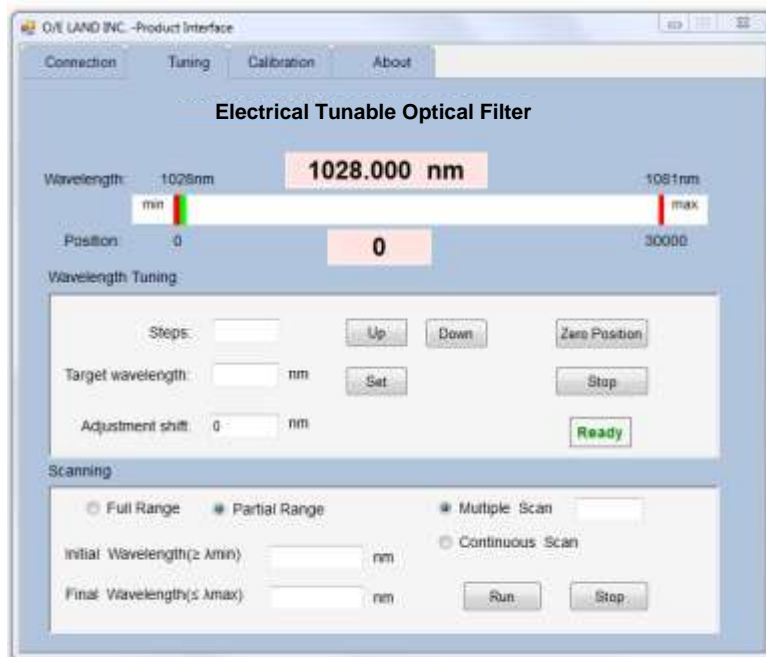
Product description:

The tunable Light Sources are based on the filtering of a supercontinuum laser source. The output bandwidth is determined by the tunable filter and can be from sub-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 side-mode suppression ratio (SMSR) and excellent linear wavelength-scanning, which is a cost-effective solution for system integration applications as well as laboratory purposes.

Parameter	Unit	OETLIS-100 (VIS)
Tuning Range	nm	450 -750
Wavelength resolution	pm	~ 10
Wavelength repeatability	pm	± 30
Output power	mW	~0.1
Output bandwidth	nm	0.1 - 3
SMSR	dB	Random
Interface (E Version)	-	USB
Operation Temperature	°C	10 - 60
Dimensions	mm ³	120 x 310 x 310



Both manual and electrical versions have the same specifications. In manual version, a knob is used to change the wavelength, while in electrical version 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:



Ordering number:

OETLIS-100-WL-TR-P-Type:	WL	TR	P	Type
	Wavelength (nm)	Tuning range (nm)	Power (mW)	E: electrical M: manual
Example:	OETLIS-100-650-200-0.1-E			