O/E LAND INC.
7639 Cordner
Lasalle, QC, Canada, H8N 2X2
Tel:1-514-334-4588
Fax:1-514-334-0216
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[**OERLS-100**]

Laser Sources for Raman Spectroscopy

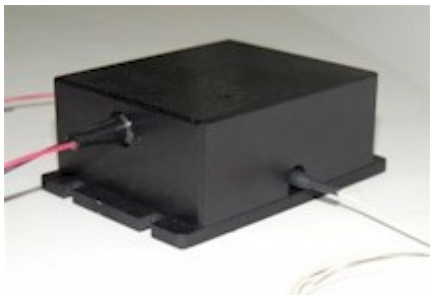
Features:

- Wavelength stabilized by fiber Bragg grating technology
- Stand-alone system or OEM module
- Fiber pigtailed or receptacle type
- SM, PM, MM fiber
- Custom design and fabrication
- High stability, long term reliability

OERLS-100 Turn Key

Applications:

- Raman Spectroscopy
- DPSS laser
- Biomedical
- Instrumentation
- Metrology
- Material Science



OERLS-100 OEM

Product description:

This high power, wavelength stabilized laser sources benefits from our advanced fiber Bragg grating wavelength stabilized technology, narrow linewidth suppression technology and advanced packaging technologies. The high power laser sources at 1060 nm is a fiber based laser source with output power more than 10W operating in CW mode. This product is an ideal choice for Raman spectroscopy, biomedical and other applications. The output could be free space or fiber coupled. It also provides an optional TTL modulation port, which can accept a modulation control input of up to 100 kHz.

Parameter	Unit	785 nm	1064 nm
Peak wavelength	nm	785 ± 3	1064± 0.5
Output power	W	<1	10
Bandwidth	nm	< 0.5	< 0.5
Connector	-	FC/PC, FC/APC, SMA	
Fiber type	-	SM, PM, MM or free space	
Modulation control		TTL, < 100kHz, Optional	
Power supply (Turn Key)	-	110-120 VAC/60 Hz, 220-240VAC/50Hz	
Power supply (OEM)	-	5VDC	
Operating temperature	°C	15-40	
Size (Turn Key)	mm	250 x 255 x 110	
Size (OEM)	mm	60 x 110 x 30	

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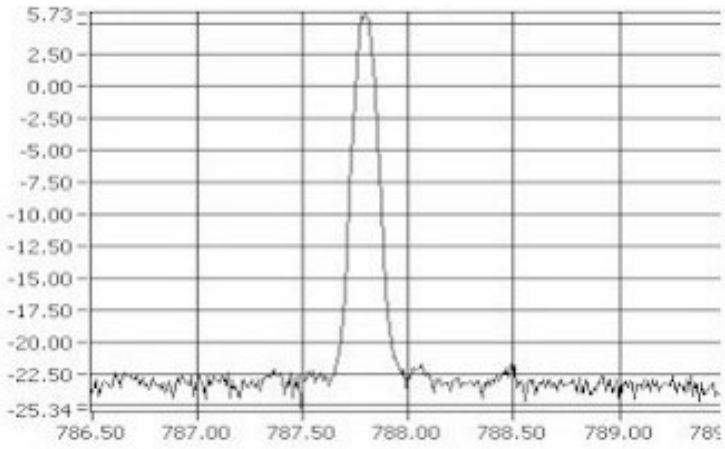

Optical spectrum of OERLS-100 at 785 nm

Ordering number:

OERLS-100-WL-P-XXX:	WL	P	XXX
	Wavelength (nm)	Average power (mW)	TRK: Turn-key OEM
Example:	OERLS-100-785-200-TRK		