

Features

- * Bench-top package, with Strap-handled
- * Excellent power stability
- * Highly reliable and stable
- * Laser diode temperature monitoring
- * Adjustable laser diode driving current
- * Front panel LCD display and status LED indicators for quick access of unit's status

Applications

- * Optical components testing
- * Optical fiber characterization
- * Optical measurement system

Description

GIP Technology Laser Source Unit is designed for driving and testing laser diodes. It delivers high stable current to drive laser diodes. By precision TEC current controlling, the module provides laser diodes best operating temperature(around 25°C).

The bench-top package size serves the area size, can be used in the components or sub-assembly manufacturing as well as research and development (R&D) environments.

In addition, these units also provide a user-friendly status monitoring via an LCD display and LED indicators



Specifications

Optical Information		Unit	Description	
Laser type			FP	
Center wavelength range		nm	1290~1330	1520~1580
Output power	Max.	mW	1	
Spectral width	Max.	nm	3	
Output power stability*	Max.	dB	± 0.1	
Connector			SC or FC	
Electrical Information				
Current control			Adjustable	
TEC controller			Included	
Fan			2	
Power supply voltage		Volt	100 ~ 240 VAC	
User Interface Information				
LCD display			Output power, LD current, LD temperature	
LED indicator			OK, LD	
Control key			Left, Enter, Right, ACO	
Laser ON/OFF Switch			Key type	
Current adjust			Knob	
Environmental and Mechanical Information				
Operating temperature		°C	0 ~ 40	
Storage temperature		°C	-20 ~ 80	
Relative humidity (non-condense)		%	5 ~ 85	
Outline Information				
Dimension (W x L x H)		mm	250 x 390 x 100	

*Measured at 25°C , 8 hours after 10 minutes warm up.



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