

Stabilized, Gratingless Tunable, Low Power CO₂ Laser

Model L3S Specifications

Model	L3S
Wavelength (µm)	10.3 - 10.8
No. of Lines	12
CW Power (W)	400 mW
Peak Power (W)	400 mW
Power Stability	±2%
Mode Quality (M ²)	< 1.1
Beam Waist Diameter	2.4 mm
Full Div. Angle	5.5 mrad
Supply Voltage (DC)	12V 20W
Cooling Requirement	Fan Cooled Closed Loop
Working Temperature	5-40° C
Dimensions (LxWxH, inch)	7.5x4x2.5



L: TC2 Temperature Controller
M: L3S Laser
R: RF Driver & Laser Controller

Factory warranty: One year for parts and labor due to manufacturing quality, regardless of laser usage

Options available:

- Water Cooling
- Real time power monitoring
- Stabilization to ±1% with Line Tracker

- * Includes DC power supply and RF driver & laser controller
- * Please notify us if CLASS IIIb is required

- * Specifications subject to change without notice.
- * Please contact us if you have custom requirements

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Max power: 500mW Wavelength: 9 - 12 µm
Class IIIb Laser Product



Max power: 50W Wavelength: 9 - 12 µm
Class IV Laser Product