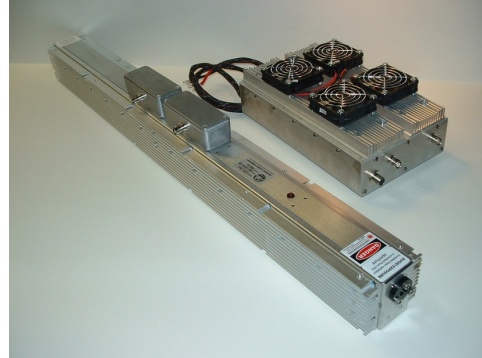


## Grating Tuned Carbon Monoxide Laser

### Model L20GCO

Model	L20GCO
Wavelength (μm)	5.3 - 5.7
CW Power (W)	400 mW
Peak Power (W)	400 mW
Power Stability	±10%
Mode Quality (M <sup>2</sup> )	< 1.2
Beam Waist Diameter	2.2 mm
Waist Location	Output Coupler
Full Div. Angle	5.5 mrad
Rise Time (μs)	500
Fall Time (μs)	500
Supply Voltage	28V 500W
Electronic PWM Parameters	Any frequency up to 10 kHz, duty cycle 0-100%
Cooling Requirement <sup>1</sup>	Water Cooled
Working Temperature	5-40° C
Dimensions (LxWxH, inch)	32x4x3.8



<sup>1</sup>Chiller Water Temperature 10-20° C  
 Stability ±0.1° C  
 Flow Rate 1 GPM

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

**Options available:**

- Stabilization to ±1% with Line Tracker
- Fixed wavelength within the range of 5.3- 5.7 μm

- \* Includes RF driver & laser controller.
- \* Specifications subject to change without notice.
- \* We strive to satisfy custom requirements. Please contact us if you have other special needs.

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