

Carbon Monoxide Laser

Model L50CO Specifications

| Model | L50CO |
|----------------------------------|--|
| Wavelength (μm) | 5.2 - 5.8 |
| CW Power (W) | 6 |
| Peak Power (W) | 6 |
| Power Stability | ±5% |
| Mode Quality (M ²) | < 1.3 |
| Beam Waist Diameter | 2.2 mm |
| Waist Location | Beam Exit |
| Full Div. Angle | 5.5 mrad |
| Rise Time (μs) | 500 |
| Fall Time (μs) | 500 |
| Supply Voltage | 28V 1kW |
| Electronic PWM Parameters | Any frequency up to 100 kHz, duty cycle 0-100% |
| Cooling Requirement ¹ | Water Cooled |
| Working Temperature | 5-40° C |
| Dimensions (LxWxH, inch) | 32x3.8x8 |



¹Chiller Water Temperature 10-20° C
 Stability ±0.1° C
 Flow Rate 1.5 GPM

Factory warranty: 6 months for gas fill and one year for other parts and labor due to manufacturing quality, regardless of laser usage

Options available:

- Grating tuned

* Includes RF driver

* 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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