

CARBON MONOXIDE LASER

Model LASY-50CO ♦ SPECIFICATIONS

Model	LASY-50CO
CW power (watts at strongest lines)	6 w
Peak power (watts at strongest lines)	6 w
M²	< 1.3
Beam waist diameter (at 5.5 μm)	2.2 mm
Waist location	Laser exit
Full Div. Angle (at 5.5 μm)	5.5 mrad
Power stability	±5%
Wavelength (μm)	5.2-5.8 (simultaneous)
Rise time (μs)	500
Fall time (μs)	500
Electronic PWM parameters	Any frequency up to 100 kHz, duty cycle 0-100%
Supply Voltage	28 VDC
Supply Current	28 Amp
Cooling Requirement	Water, temperature 10-20 °C±0.1, flow rate 1.5 GPM
Working Temp	5-40 C
Dimensions(inch)	32x3.8x8

Factory warranty: 6 months for gas fill and one year for other parts and labor.

Options available:

- Adjustable wavelength with single line output (grating tuned)

- * We strive to satisfy custom requirements. Please contact us if you have other special needs.
- * Specifications subject to change without notice.

