

LOW POWER CO₂ LASER

Closed-loop Stabilized, Temperature Tunable CO₂ Laser----LASY-4S

SPECIFICATIONS

Features: Complete Invar structure for laser cavity, closed-loop control on cavity length, highly stable in both wavelength and power.

Power: 1 watt

Wavelength range: At least 8 lines between 10.3 μm and 10.8 μm tuned by temperature controller.

Power stability: $\pm 2\%$ (ambient temperature kept within 2 $^{\circ}\text{C}$)

Laser mode: Near TEM₀₀, $M^2 < 1.1$, beam diameter 2.4 mm, full divergence angle 5.5 mrad

Dimensions: Length x Height x Width: 12.5" x 2.5" x 4.5", width including heat sink and fans.

Laser Frame: Low expansion alloy, Invar.

Cooling requirement: forced air included

Power source: RF driver powered by 12VDC, both included.

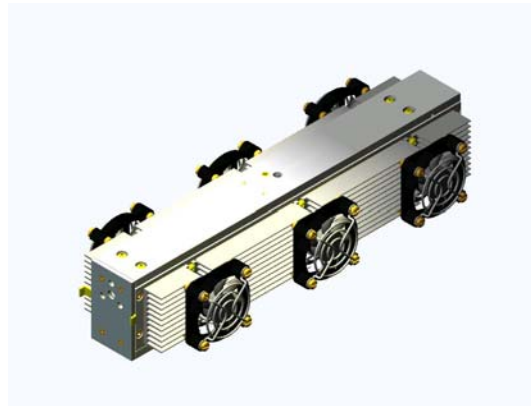
Factory warranty: parts and labor due to manufacturing quality within the first year.

Included: Closed-loop temperature controller, RF driver and DC adapter.

Other Options available:

- Real time power sampler
- External high speed modulator (up to 200 kHz)

* Specifications subject to change without notice.



* We strive to satisfy custom requirements. Please contact us if you have special needs.

For more information, visit us at
www.accesslaserco.com

