

How to Order

- Select the model number desired from "1" (Model Selections).
- Designate the configuration of the laser system by one suffix from each of the configuration fields listed in "2" (Configuration Selections).
- Indicate the desired accessories from among those listed in "3" (Accessory Selections).
- Determine the price by consulting an Infrared Instruments sales representative.

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1 Model Selection
2 Configuration Selection
3 Accessory Selection

Sample: SCCO-2
W
GT
VP

2 Configuration Selections

Field	Operation	Performance Specification	Suffix
1	Power Stability	< ± 3% Water cooling	W*
2	Wavelength	-Multiline/single mode operation -Tunable grating — multiple wavelength selectable	O GT
3	Polarization Axis	Random Vertical Horizontal	O VP HP

* This option require water cooling unit.

1 Model Selections

The standard laser system includes the laser head and switching mode DC power supply.

Model No.	Rated Power (Watts)
SCCO-2	2.0/0.7*
SCCO-4	4.0/1.5*

*Indicates the rated output power for grating tunable systems. Grating tunable systems operate on a minimum of 10 transition wavelengths with power in excess of 50 milliwatts per line.

3 Accessory Selections

Model	Description*

*For complete description of Accessories please consult the Accessories Selections Sheet.

Power Stability: Power stability is achieved by temperature control of the laser bore. The water cooling (W) option with the associated connections and optional temperature-controlled Water Cooling Unit provides improved amplitude stability.

Wavelength Selection: All standard lasers oscillate single mode, multiline. Manual micrometer adjustments are used to permit operation at several selectable wavelengths. A calibration chart of power and wavelength vs. micrometer setting and temperature is provided with all tunable laser systems.

Polarization Axis: All standard laser systems are linearly polarized. The angle of the E vector will shift as a function of wavelength and temperature.

An intracavity ZnSE Brewster plate forces vertical or horizontal polarization. Please specify the desired orientation when placing your order.



For further information and pricing, please contact an Infrared Instruments sales representative. TEL (760) 599-6650 or FAX (760) 599-0220