

PRODUCT DATA SHEET

MODEL CO50

ECHOTHERM™ CHILLING AND HEATING HPLC COLUMN OVEN

Exact column temperature control from 4.0°C to 100°C with fully programmable or non-programmable use.



- Set display and control from 4.0°C to 100°C in 0.1°C increments
- Stable to +/-0.1°C
- Accurate to +/-0.2°C
- Stable temperature LED illuminates when target temperature is stable to +/-0.2°C
- Chamber uniformity +/-0.5°C
- Control at or near room temperature without drift
- Fully programmable or simple digital operation. Stores 5 programs of 10 steps each in memory. Each program can be made to repeat automatically from 1 to 99 times
- Peltier driven for heating and chilling. No CFC's. 100 watts of power
- Displays target and actual temp. on 16-character, two-line alphanumeric, backlit LCD display
- UP and DOWN arrows for simple setting and display of all parameters
- Holds one column of 3/8" or 1/4" diameter by up to 30 cm long with additional room for fittings or guard column
- Chamber has 3 clips for mounting columns
- Chamber is milled from solid aluminum with slope to spill drain provided, and measures 15.0" (38.1 cm) long x 1.5" (3.8 cm) wide x 1.5" (3.8 cm) deep
- Easy top access for column and fittings
- 30-day count-down timer with audible alarm and user settable Auto-Off
- Over temperature audible alarm
- Resettable column injection counter displayed to 1000 injections. Cable supplied with unit
- PID temperature control loop with platinum RTD sensor for stability and accuracy
- Electronic calibration held in memory and traceable to NIST. No batteries. User resettable if needed
- RS232 I/O port for control by computer or for data collection
- Supplied with universal bench top power supply for use anywhere in the world
- 12-month warranty. UL, CSA and CE compliant



**TORREY PINES
SCIENTIFIC**

Degrees **Better**

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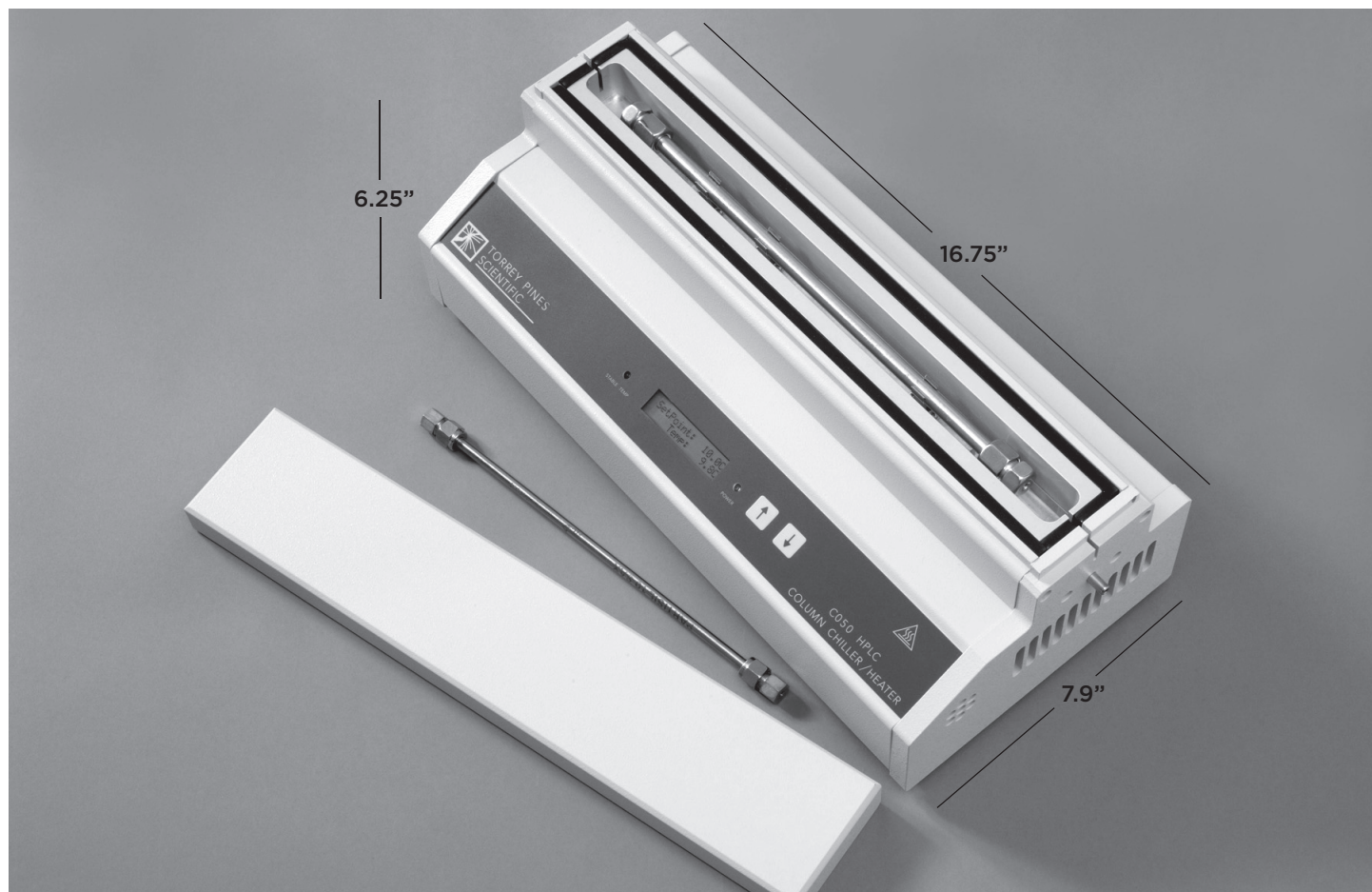
760-930-9400

Toll Free within the USA:
866-573-9104

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DIMENSIONS

Overall: 16.75" (42.5 cm) long x 6.25"
(15.9 cm) high x 7.90" (20.1 cm) wide

Chamber: 15.0" (38.1 cm) long x 1.5"
(3.8 cm) wide x 1.5" (3.8 cm) deep