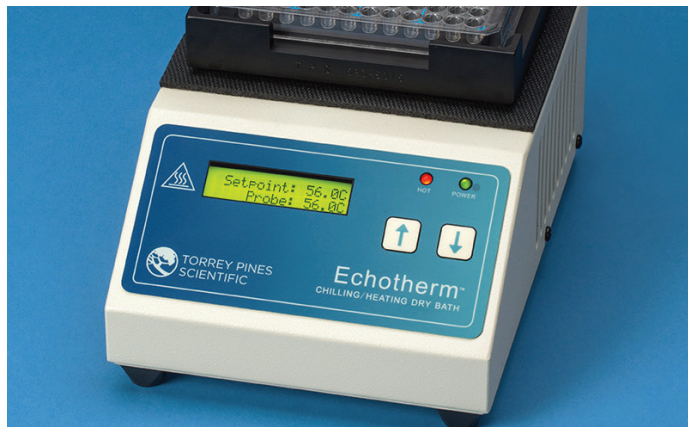


PRODUCT DATA SHEET

# IC50 CHILLING/HEATING DRY BATHS

Chill or Heat Biological Samples from  $-10.0^{\circ}\text{C}$  to  $110.0^{\circ}\text{C}$  (without sample block). Control the Heating Plate with Internal Temperature Sensor, or Control the Sample Block or Sample Solution in a Vessel Directly Using the Temperature Probe Provided. Have Precise Sample Control, Even at Room Temperature.



- Model IC50 with display close-up (left)
- Model IC50 with temperature probe controlling sample (right)

- Peltier powered (100 watts) for chilling and heating
- Temperature range from  $-10.0^{\circ}\text{C}$  to  $110.0^{\circ}\text{C}$
- Readable, settable and controllable to  $0.1^{\circ}\text{C}$
- Accurate to  $\pm 0.2^{\circ}\text{C}$
- Control plate surface with internal sensor
- Control sample solution directly with probe
- Control sample block directly with probe
- Control at or near room temperature
- Hot surface indicator (red LED) illuminates when above  $50.0^{\circ}\text{C}$
- 99-hour timer with audible alarm and Auto-Off
- More than 30 standard sample blocks available for centrifuge tubes, assay plates, vials, test tubes, and more
- Power ON indicator
- RS232 port, collect data or control by computer

- Built-in data logger
- Custom sample blocks made to order in about 3 weeks for virtually any sample container
- 2-line, 16-character/line, backlit, alphanumeric display
- User and serial command set manuals provided
- 12-month warranty
- Universal power supply for worldwide use
- UL, CSA and CE compliant

### Some Applications

- Enzyme reactions and deactivations
- Ligation reactions
- Storing oocytes at  $17.0^{\circ}\text{C}$
- Hybridizations
- PCR sample preparation and storage
- Storing samples at  $4.0^{\circ}\text{C}$  without ice
- Storing enzymes and DNA libraries
- Chilling and heating samples in the field
- General molecular biology applications



TORREY PINES  
SCIENTIFIC

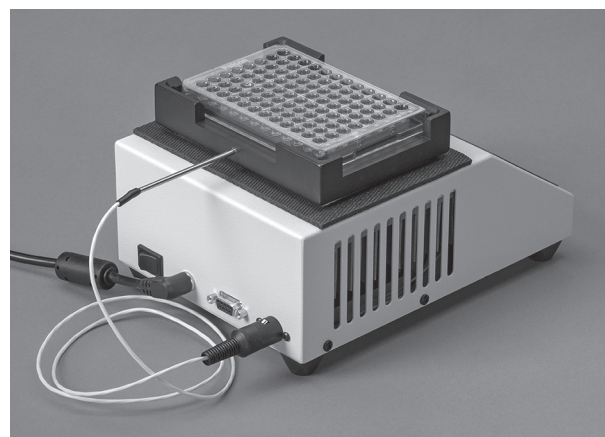
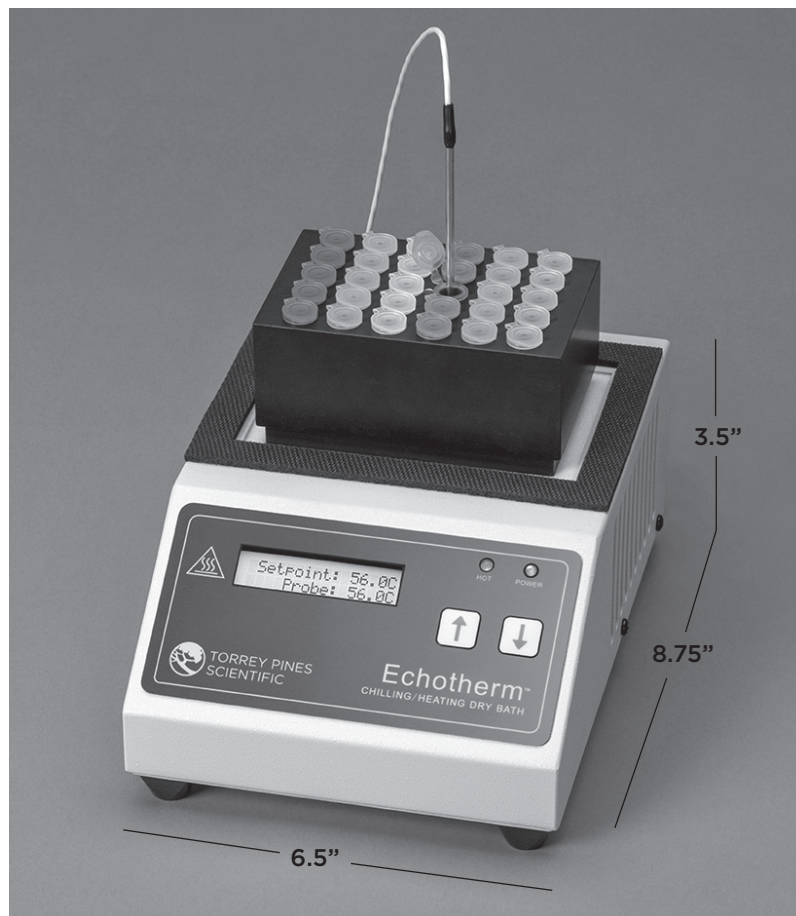
Degrees **Better**

2713 Loker Avenue West, Carlsbad, CA 92010  
Tel: 760-930-9400 | Toll Free within the USA: 866-573-9104  
Fax: 760-930-9480  
info@torreypinesscientific.com

PRODUCT DATA SHEET

# IC50 CHILLING/HEATING DRY BATHS

Chill or Heat Biological Samples from -10.0°C to 110.0°C (without sample block). Control the Heating Plate with Internal Temperature Sensor, or Control the Sample Block or Sample Solution in a Vessel Directly Using the Temperature Probe Provided. Have Precise Sample Control, Even at Room Temperature.



## DIMENSIONS

6.5" (165 mm) wide x 8.75" (222 mm) front to back x 3.5" (89 mm) tall

Weight: 6.5 pounds (2.9 kgs)

- Model IC50 with temperature probe in sample solution (left)
- The back of the IC50 showing ON-OFF switch, power input jack, RS232 I/O port connector (9-pin D-subminiature), and probe jack (right)

**Note:** The temperature probe is in the rear of the assay plate block controlling the block temperature directly.