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PRODUCT DATA SHEET

RIC20 SERIES
REMOTE CONTROLLED CHILLING/ HEATING DRY BATHS

Compact design for single-unit or multiple-unit remote operation in robotic systems or on the bench using a PC serial port and the RS232 I/O port on each unit.

- Peltier driven for heating and chilling
- Temperature ranges from -20°C to 110°C
- Temperature stability +/-0.1°C
- Temperature accuracy at the plate surface +/-0.2°C
- Temperature across sample blocks +/-0.3°C
- Settable to 0.1°C over the entire operating range
- Over 25 standard sample blocks for assay plates, PCR plates and tubes, centrifuge tubes, vials and more
- Custom blocks made to fit any sample container
- Sample blocks held firmly in position by screws or magnets. Sample blocks with magnets are standard. Screw-down blocks are specials.

- Threaded holes on case bottom for mounting into systems
- Set individual unit temperature and unplug the computer for setting other units. Once set, units will hold set temperature indefinitely without computer connection.
- Run complex temperature/time profiles using your computer and your programs
- Platinum RTD temperature measurement system
- PID temperature control loop
- Serial interface manual provided
- RS232 cable provided
- Universal bench top power supply provided for use anywhere in the world
- UL, CSA and CE compliant
- 3-Models available: RIC20 (50 watts power, -10°C to 100°C), RIC20XR (100 watts power, -10°C to 110°C) and RIC20XT (100 watts power, -20°C to 100°C)

TORREY PINES SCIENTIFIC
Degrees **Better**

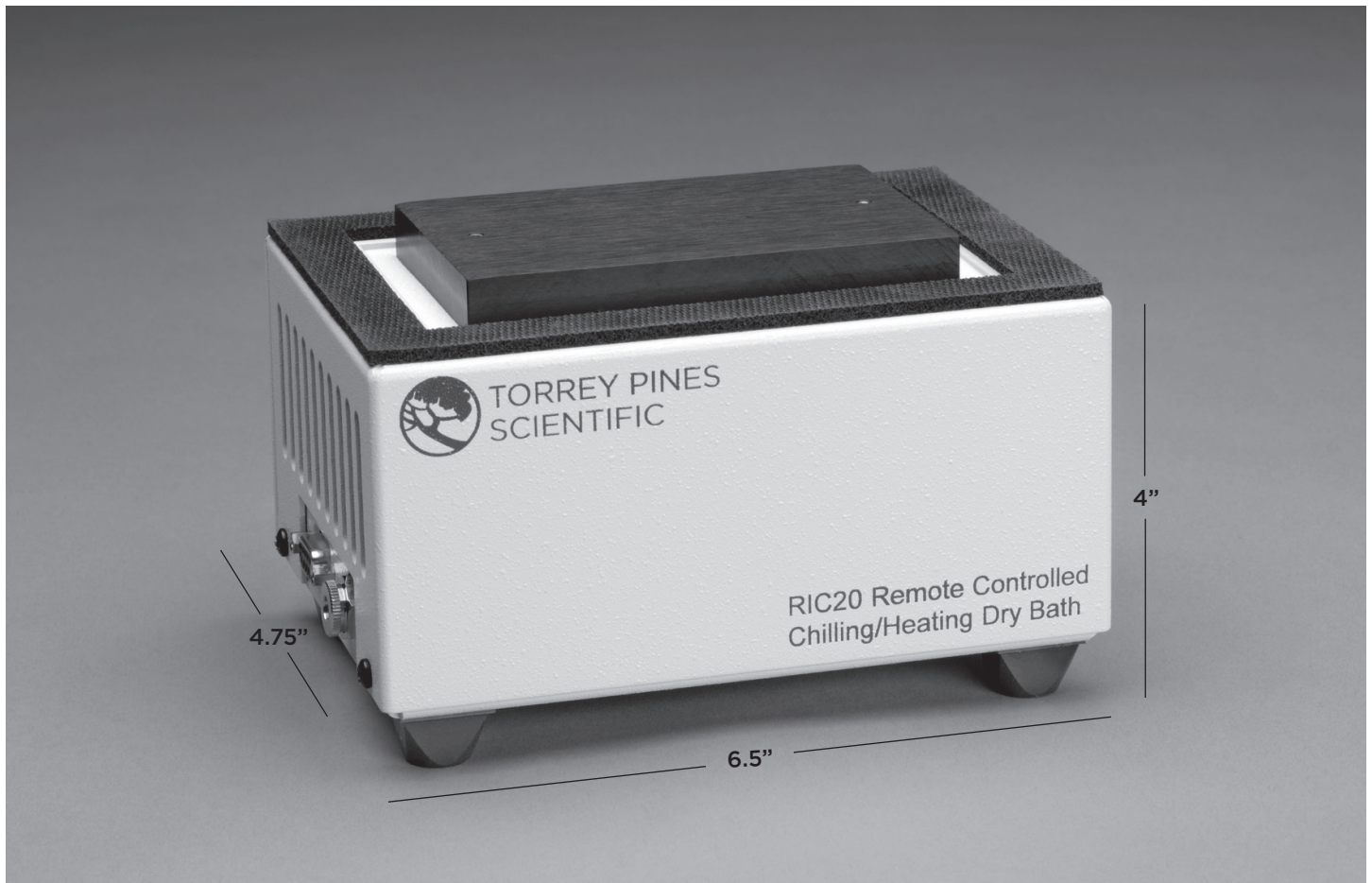**Visit us online now:**
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RIC20 Remote Controlled Chilling/Heating Dry Bath

4"

4.75"

6.5"

DIMENSIONS

6.5" (16.5 cm) wide x 4.75" (12 cm) deep x 4" (10.1 cm) high, weight = 3.5 pounds (1.58 kg)

The unit needs 0.5" under it to breathe.