

PRODUCT DATA SHEET

MODEL RHB20 REMOTE CONTROLLED HEATING BLOCK

Compact heating block controls to $\pm 0.1^{\circ}\text{C}$ from ambient to 120.0°C . Single or multiple units can be used in robotic systems or on the bench using a PC serial port and the RS232 I/O port on the unit.



- Compact space-saving size. Measures 5.375" (136.5 mm) side to side x 3.50" (88.9 mm) deep x 2.0" (50.8 mm) tall (without sample blocks)
- 100 watt silicone rubber heater for fast heating and long life
- Temperature settable in 0.1°C increments from slightly above room temperature to 120.0°C
- Temperature stability $\pm 0.2^{\circ}\text{C}$
- Temperature accuracy $\pm 0.2^{\circ}\text{C}$
- Temperature variation across sample block $\pm 0.3^{\circ}\text{C}$
- 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 place by screws or magnets for repeatable use on robots. Magnets are standard, screw-down blocks are specials
- Mounting brackets available for Tecan robots. Threaded mounting holes in case bottom for mounting on other robots
- Set individual unit temperature via RS232 I/O port 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 PC and your programs
- Platinum RTD temperature measurement system for accuracy and stability
- PID control loop for quick and tight temp. control
- Serial interface manual provided
- RS232 cable provided
- Universal bench top power supply provided for use anywhere in the world
- UL, CSA and CE compliant



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

Visit us online now:
torreypinesscientific.com

760-930-9400

Toll Free within the USA:
866-573-9104

PRODUCT DATA SHEET

MODEL RHB20 REMOTE CONTROLLED HEATING BLOCK

Compact heating block controls to $\pm 0.1^{\circ}\text{C}$ from ambient to 120.0°C . Single or multiple units can be used in robotic systems or on the bench using a PC serial port and the RS232 I/O port on the unit.



DIMENSIONS

Overall: 5.375" (136.5 mm) wide x 3.5"
(88.9 mm) deep x 2.0" (50.8 mm) tall

Weight: 1 pound



Model RHB20
Rear view with connectors