

REED

THE RIGHT SOURCE THE RIGHT SOLUTIONS

TEMPERATURE CALIBRATOR

TECHNICAL DATA



FEATURES

- Closed loop microprocessor based digital PID temperature controller system incorporating a heater and a precision platinum RTD sensor
- Fan cooling allows rapid changes in block temperature upon demand
- Required temperature may be adjusted in 0.1° increments using front panel buttons

ORDERING INFORMATION

BX-150 Dry Block Temperature Calibrator
1400C Hard Carrying Case
CERTIDW1 Accredited Calibration Certificate

SPECIFICATIONS

Temperature Range: 33.0 to 300.0° C (91.4 to 572.0°F)
Resolution: 0.1° C/°F
Accuracy: $\pm 0.8^{\circ}\text{C}$ ($\pm 1.6^{\circ}\text{F}$) $\leq 100^{\circ}\text{C}$ ($\leq 212^{\circ}\text{F}$);
 $\pm 1.6^{\circ}\text{C}$ ($\pm 3.2^{\circ}\text{F}$) 100-200° C (212-392°F);
 $\pm 2.8^{\circ}\text{C}$ $> 200^{\circ}\text{C}$ ($> 392^{\circ}\text{F}$)
Stability: $\pm 0.1^{\circ}\text{C}$ ($\pm 0.2^{\circ}\text{F}$) $\leq 100^{\circ}\text{C}$ ($\leq 212^{\circ}\text{F}$);
 $\pm 0.2^{\circ}\text{C}$ ($\pm 0.4^{\circ}\text{F}$) 100-200° C (212-392°F); $\pm 0.4^{\circ}\text{C}$ ($\pm 0.8^{\circ}\text{F}$) $> 200^{\circ}\text{C}$ ($> 392^{\circ}\text{F}$)
Time to Stability: 10 to 20 minutes
Heating/Cooling Time: 30 min. to max./30 min. to 100° C (212°F)
Power Supply: 110V AC ($\pm 10\%$), 2.5 A
Well Diameters: 1 x 1/4", 1 x 3/16", 1 x 5/32", 2 x 1/8"
Well Depth: 90mm

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INSTRUMENTS

The Right Source For Your Test & Measurement Needs

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