

Features

- Calibrates from 30 °C to 400 °C (+86 °F to 750 °F)
- Rugged bench top design
- Fast heat-up
- Built in Fuzzy Logic controller
- Easy to see 4-Digit Dual LED display
- Superior safety with extended heat shield
- Multiple dry wells
- Separate controller/heater enclosures for greater accuracy
- All stainless steel enclosure

Description

The DB200 dry block calibrator is a fast, accurate and efficient way to ensure that your industrial temperature sensors are calibrated properly. Typical accuracies are $\pm 0.5^{\circ}\text{C}$ from a range of 10° above ambient to 400 °C (750 °F). Dry block calibrators are accurate for RTD's, Thermocouples, Thermistors and other types of sensors.

The DB200's solid dry well block comes with various sizes of sensor holes in order to ensure that there is the minimum possible air gap between the sensor and the block. Control is through two buttons on the display that allow control of the set point and. The two push-buttons below the display control the power and allow independent control of the heater.

Specifications

Ambient Temperature :	30°C to 45°C, max. relative humidity of 80%
Temperature Range :	30 °C to 400 °C (+86°C to 750 °F)
Accuracy :	$\pm 0.5^{\circ}\text{C}$
Display Resolution :	0.1°C (0.1°F)
Uniformity :	$\pm 0.02^{\circ}\text{C}$
Calibration Volume :	1.5" x 4.0"
Standard Insert :	Standard Metal Insert 1/8"; 3/16"; 1/4"; 3/8"; and 1/2" diameter holes
Heating Time :	From ambient to 400°C is approximately 11 minutes
Cooling Time :	From 400°C to ambient is approximately 90 minutes
Indicator Units :	°C, °F
Power Requirements :	115 VAC, 3.5 Amps (400 Watts)
Dimensions :	W 7.25" X D 4" X H 9.25"
Weight :	5.8 lbs (2.65 kg)

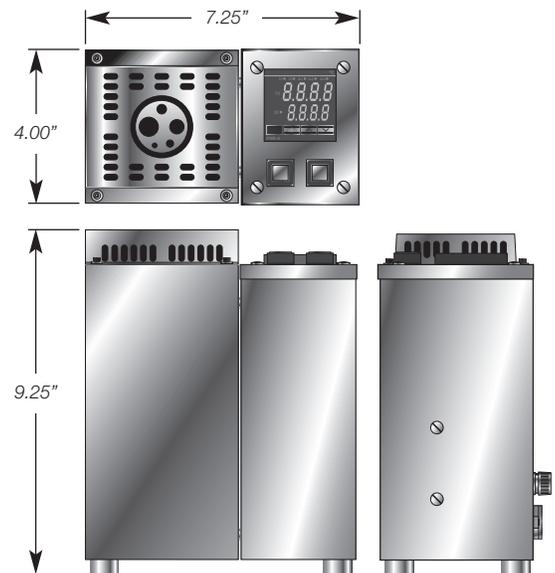
Custom Builder

MODEL 1
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BOX1 CODE	Metal Block Insert
A	Type A
B	Type B
C	Type C
X	Custom, specify



Dimensions



Metal Block Insert	Description
Type A	Standard Metal Insert 1/8", 3/16", 1/4", 3/8", and 1/2" diameter holes
Type B	6 pockets, 9.5mm, 8.0mm, 6.4mm, 6.4mm, 4.5mm, 4.5mm diameter holes
Type C	Special Insert 8mm, 6x6.5mm diameter holes