



800-390-0004

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Product Description	
Name	BD923
Size	9.6 x 5.4 x .9 inches
Temperature measurement range	-40 to 257°F (-40 to 125°C)
Temperature resolution display	0.1 °F and 0.1 °C
Temperature measurement accuracy	+/- 2.0°F and 1.0°C
Main materials	Aluminum alloy case with glass display window
Packaging method	Individually packaged
Display	3" LED display
Applications	Laboratory, factory, workshop, warehouse, storage and many more

BD923 (with External Probe)

Description:

The BD923 is a temperature measurement instrument with external waterproof sensor probe and an aluminum alloy case.

Setting Instructions:

The key functions are:

- 1) Upper, Adjustment Menu
- 2) Middle, Set the upper limit of temperature alarm
- 3) Lower, Set the lower limit of temperature alarm

Alarm Setting:

1) Press and hold the menu (upper) button to enter the menu function, A short press of the up (middle) button will turn on or off the alarms.

2) Set the upper limit of temperature alarm:

Press the (upper) menu key again to set the temperature upper limit alarm value, and press the up/down keys to adjust the alarm value.

3) Set the lower limit of temperature alarm:

Press the menu key again to set the temperature lower limit alarm value, press the up/down keys to adjust the alarm value.

4) Press and hold the menu (upper) button to return to normal operation.

Temperature Calibration:

1) Using a properly prepared ice bath (see instructions below), place the probe in the center of the ice bath, taking care to avoid the edges of the container. Allow the display to stabilize, about 3 to 5 minutes for best results. NOTE THE DIFFERENCE BETWEEN THE THERMOMETER DISPLAY AND 32.0 DEGREES.

1) Press the up (middle) and down (lower) buttons at the same time for 3 seconds to enter the calibration mode.

2) Press the up (middle) or down (bottom) button to increase or decrease the temperature reading by the amount required to match the ice bath* temperature of 32.0 degrees.

3) Press and hold the menu (upper) button to return to normal operation.

Changing from F/C

Press and hold the upper button for 3 seconds to enter the menu mode, then press and hold the middle button until the display changes from F to C (or from C to F).

*** Calibration REQUIRES a Properly Made Ice Bath:**

For best results, use a thermally insulated container such as our model 9325 Val Cup. A Styrofoam or similar cup will work as well.

1) Pack CRUSHED ice into the cup to about 1 inch from the top to provide a slushy mixture. NOTE THAT ICE CUBES WILL NOT PROVIDE A PROPER TEMPERATURE READING.)

2) Add water to the ice. It is critical that the water level is lower than the ice. If any ice is floating on top of the water, the mixture will be above 32 degrees F.

3) Place the sensor into the middle of the ice in the container and wait for the temperature reading to stabilize.

4) Adjust the calibration of the thermometer using the instructions above.