

Digital Thermometer

Convenient Temperature Monitoring

The Manning Digital Thermometer makes it easy to monitor sample temperature. Although this is not a certified thermometer, it was carefully chosen for its accuracy. The thermometer can be mounted with magnets on the door.



The sample sensor is located in a bottle of glycerin mounted on the lower right inside of the refrigerator to represent the eventual temperature of the sample. If desired, the sample sensor may be placed inside the sample container to display the actual temperature of the sample.

Specifications

Measurement range:-10 to +50° C/ 14 to +122°F (Room Temperature)
 -50 to +70° C/ -58 to +158°F (Outer Sensor Temperature)

Accuracy:.....±1°C/±1.8°F

Display resolution:0.1°

Battery:.....1.5 volt size AAA/UM4 or equivalent (included)

Sampling rate:10 seconds

Sensor cord length:3 meters/ 10 feet

Operation

°C/°F Select: Press [°C/°F] button on the unit back side to select the temperature unit.

Room/Sample Sensor Temperature Select: Press [IN/OUT] button to select room or sample (Out) sensor temperature. The IN symbol indicates the reading for room temperature and the OUT symbol indicates the reading for sample sensor temperature.

Display Back Light: Press [LIGHT] button to turn on the display back light.

Battery Change:

The cover on the back of the thermometer slides off without removal from the bracket. Requires one AAA battery.

Maximum & Minimum Temperature Memory Display:

- Press [Max/Min] to display minimum temperature memory (MIN symbol will be displayed).
- Press [Max/Min] again to display minimum temperature memory (MIN symbol will be displayed).
- Press [Max/Min] again to take instant temperature reading.
- Holding [Max/Min] one second to reset minimum and maximum temperature memory.

High/Low Temperature Alarm Setting (for Sample Sensor only)

- Press & hold [ALARM SET] button then the HIGH/OUT icon will be flashing.
- Use [°C/°F] button to set the desired alarm high limit.
- Press [ALARM SET] button once more and the LOW/OUT icon will be flashing.
- Use [°C/°F] button to set the desired alarm low limit.
- Press [SET] again to finish the setting.
- During the limit setting, holding the [°C/°F] button will advance the value automatically.
- If the temperature value is out of the set limit then the alarm will sound.
- Press any button to stop the alarm from sounding.

