



TEMP-CHECK Rapid Response Thermometer



FEATURING:

- *Fast response time*
- *Non-invasive temperature verification instrument*
- *Angled easy to read display*
- *Battery back-up capability for easy portability*

The Temp-Check (Model TC-12) thermometer determines the temperature of small bags or containers in seconds. Designed for hospital or laboratory use, it measures the temperature of plasma, red blood cells, cryo precipitate or other materials that are placed on the sensing pad. This non-invasive instrument allows personnel to determine if blood or plasma is at the right temperature for transfusion, or if it is safe to return to stock at the blood bank.

The Temp-Check thermometer uses a fast acting Type K thermocouple within an insulated pad to measure a temperature range of 0°C to +40°C with an accuracy of +/-1°C. The unit is extremely simple to operate. Just plug it into any standard 120v electrical outlet and place the item to be checked on the center of the sensing pad. Readout response is rapid, typically within 10 seconds.

For easy portability, this unit includes a built-in NiMH battery with a trickle charger. When the battery is fully charged, it will run for about 12 hours. Press the button to the left of the display and the display will stay on for two minutes and then shut off to conserve power. The battery will recharge when the unit is connected to line power.

*Custom programming and packaging can be provided
to fit most temperature monitoring tasks.*

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Power Requirements:

12 volts DC
(120-240VAC, UL listed universal power supply with 10' cord, U.S. 2-prong configuration is supplied standard)

Battery Back-up:

Rechargeable NiMH battery, standard 9V size with built in trickle charger

Standard Sensor:

Type "K" thermocouple

Temperature Ranges:

0°C to +40°C

Resolution:

1°C

Accuracy:

+/-1°C

Mechanical:

Two-tone plastic case, 11" long x 6" wide x 2.5" high

There is a one-year warranty on all Hampshire Controls products.

Hampshire Controls Corp. is a Woman Owned Small Business

About Our Company

Started in 1975, Hampshire Controls provides standard and custom designed electronics to the biomedical and industrial markets. In addition to the Temp-Check, other products include:

- Model 140 Single Probe Temperature Monitor
- Model TS4 4-Point Temperature Monitor
- Model LD-200 LN2 Level Detector/Alarm
- Liquid CO2 Backup Control/Alarm for Freezers
- LN2 Backup Control/Alarm for Freezers
- Line Voltage Controls
- Multipoint Central Monitoring System (CMS-II)
- Custom Microprocessor Assemblies
- Model ADM Alarm Delay Module
- Regulated Output Phase Control
- Custom AC Motor Phase Controls
- Air Flow Monitor

