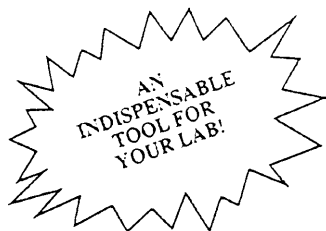AN INDISPENSABLE TOOL FOR YOUR LAB!

# *Checktemp* 1
## With Remote Stainless Steel Probe

**Environment Friendly**

Checktemp 1 is destined to make glass thermometers obsolete. Glass thermometers are hazardous to the user and to the environment. The glass contains lead and the measurement media is either mercury or alcohol. These materials are undesirable in today's workplace. The comparative chart below clearly shows that a Checktemp 1 thermometer is the wisest choice for your routine temperature measurements.

Checktemp 1 is a high accuracy thermometer with a 1 meter (3.3') cable between the meter and the probe. The stainless steel probe is perfect for fast response in liquids, air, frozen and semi-solid materials. The probe utilizes a high-tech NTC thermistor sensor to measure the temperature. Thermistors make it possible to obtain extremely high accuracy in a very short period of time. Checktemp 1 is available in °C and °F versions.

**World's First Calibration Check Feature**

Glass thermometers users do not worry about their thermometers' accuracy because the method of measurement is physical liquid expansion. The largest problem associated with electronic thermometers is the stability of the circuitry that measures the temperature. For this reason users are hesitant to trust electronic thermometers. To overcome this, a calibration test device has been incorporated into the meter so that at the touch of a button Checktemp 1 displays 0.0°C ± 0.3 (32.0°F ± 0.5). This assures the user that the reading is reliable and accurate.

| Typical Accuracy Table | | | |
|---|---|---|---|
| Theoretical Temperature | | Checktemp Reading | |
| (°C) | (°F) | (°C) | (°F) |
| -30.0 | -22.0 | -29.7 | -21.5 |
| -20.0 | -4.0 | -19.9 | -3.8 |
| -10.0 | +14.0 | -9.9 | +14.2 |
| 0.0 | +32.0 | 0.0 | +32.0 |
| +10.0 | +50.0 | +9.9 | +49.8 |
| +20.0 | +68.0 | +20.1 | +68.2 |
| +30.0 | +86.0 | +30.0 | +86.0 |
| +50.0 | +122.0 | +50.2 | +122.4 |
| +60.0 | +140.0 | +60.1 | +140.2 |
| +90.0 | +194 | +89.8 | +193.6 |
| +100.0 | +212 | +99.6 | +211 |
| +120.0 | +248 | +119.8 | +248 |
| +140.0 | +284 | +139.7 | +283 |
| +150.0 | +302 | +149.4 | +301 |

MERCURY-FREE ENVIRONMENT — HANNA instruments — FRIENDLY BATTERIES

| SPECIFICATIONS | Checktemp 1C | Checktemp 1F |
|---|---|---|
| RANGE | -50.0 to +150.0°C | -58.0 to +302°F |
| RESOLUTION | 0.1°C | 0.1°F (-58.0 to 199.9°F) 1 °F (200 to 302°F) |
| ACCURACY | ±0.3°C (-20 to +90°C) ±0.5°C (-50 to -20°C & +91 to +150°C) | ±0.5°F (-4 to +194°F) ±1°F (-58 to -4 & +195 to 302°F) |
| ENVIRONMENT | From 0 to 50°C (32 to 122°F); 95% RH | |
| BATTERY TYPE/LIFE | 1 X 1.4V battery / 3000 hours of continuous use | |
| DIMENSIONS | 106 x 58 x 19mm (4.2 x 2.2 x 0.7") | |
| WEIGHT | 80 g (2.8 oz) | |
| PROBE | Stainless steel, 160mm x 3mm diameter with 1 meter (3.3') cable | |

Checktemp 1 C/N = Meter with Factory Calibration Certificate
Checktemp 1 F/N = Meter with Factory Calibration Certificate

**Factory Calibration Certificates**

If you require your thermometer to be calibrated against an NIST standard, add an "N" to the end of the code when ordering.