

Checktemp 1 With Remote Stainless Steel Probe

124-HI 98509 ([Checktemp 1C](#))

124-HI 98510 ([Checktemp 1F](#))



- Rugged ABS housing.
- Ease-of-Transport. No protection required.
- Fast Response Time.
- Checktemp provides a reading within 20 seconds.
- Easy to Read. LCD readable at any angle.

Checktemp 1

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 3.3' (1 meter) 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 $32.0^{\circ}\text{F} \pm 0.5$ ($0.0^{\circ}\text{C} \pm 0.3$). This assures the user that the reading is reliable and accurate.

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.

Typical Accuracy Table:

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

Specifications:

Range:

Checktemp 1 F -58.0 to +302°F
 Checktemp 1 C -50.0 to +150.0°C

Resolution:

Checktemp 1 F 0.1°F (-58.0 to 199.9°F); 1°F (200 to 302°F)
 Checktemp 1 C 0.1°C

Accuracy:

Checktemp 1 F ±0.5°F (-4 to +194°F); ±1°F (-58 to -4 & +195 to 302°F)
 Checktemp 1 C ±0.3°C (-20 to +90°C); ±0.5°C (-50 to -20 & +91 to +150°C)

Battery:

1 x 1.4 volt battery

Battery Life:

3000 hours of continuous use

Environment:

32 to 122°F (0 to 50°C)

Dimensions:

4.2 x 2.2 x 0.7" (66 x 50 x 25 mm)

Weight:

2.8 oz. (80 g)

Probe:

Stainless Steel, 160 X 3mm with 3.3' (1 meter) cable