



710 - 5769

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

Typical Accuracy Table			
Theoretical Temperature (°C) (°F)		Checktemp Reading (°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

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	$\pm 0.3^{\circ}\text{C}$ (-20 to +90°C) $\pm 0.5^{\circ}\text{C}$ (-50 to -20°C & +91 to +150°C)	$\pm 0.5^{\circ}\text{F}$ (-4 to +194°F) $\pm 1^{\circ}\text{F}$ (-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	



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.

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