

SPECIFICATIONS
(Therma 22)

Range (Type T thermocouple): 239 to 752°F (-199.9 to 400°C)
Range (Thermistor): -40 to 302°F (-39.9 to 149.9°C)
Resolution: 0.1° to 572°F (300°C) thereafter 1°
Accuracy (Type T thermocouple): ±0.9°F (±0.5°C) -58 to 302°F (-50 to 150°C)
Accuracy (Thermistor): ±0.7°F (±0.4°C) 14 to 158°F (-10 to 70°C)
Battery: 3 x AAA
Battery Life - Thermocouple: Minimum 10,000 hours
Battery Life - Thermistor: Minimum 5 years (20,000 hours)
Sensor Type: Thermistor/Type T thermocouple
Display: 0.47 inches (12mm) LCD
Dimensions: 5 H x 2.2 W x 1 D inches (128 H x 56 W x 25 D mm)
Weight: 0.29 lbs. (130 g)



ThermoWorks

Therma 20
Therma 22
ThermaCheck
Thermometers

SPECIFICATIONS
(Therma 20 & ThermaCheck)

Temperature Range: -40 to 302 °F (-39.9 to 149.9°C)
Resolution: 0.1°F
Accuracy (ThermaCheck): ±0.5°F (±0.3°C) to 158°F (70°C)
Accuracy (Therma 20): ±0.7°F (±0.4°C) from 14 to 158°F (-10 to 70°C)
Sensor: Thermistor
Battery: 3 x AAA, minimum 5 years (20,000 hours)
Auto-Off: After 10 minutes
Display: 0.47 inches (12 mm) LCD
Dimensions: 5 H x 2.2 W x 1 D inches (128 H x 56 W x 25 D mm)
Weight: 0.29 lb. (130 g)
Calibration: NIST-traceable calibration certificate



For warranty, service, and technical assistance, please contact ThermoWorks' Technical Support at (801) 756-7705 or email at techsupport@thermoworks.com.



ThermoWorks

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Made in the UK



Operating Instructions

INSTRUMENT OPERATION - Where applicable (Therma 20 and Therma 22) connect a probe via the socket located at the top of the instrument, screw in the collar of the plug, finger tight, to ensure a secure connection (do not over tighten). Switch the instrument on and apply the tip of the probe to the substance or medium to be measured. The instrument reading may take a few seconds to stabilize, depending on the nature of the measurement and sensitivity of the probe.

OPEN CIRCUIT/FAULTY PROBE - If the probe has developed an 'Open Circuit' fault the instrument will display 'Err'.

SENSORS - The ThermaCheck incorporates a fixed thermistor probe. The Therma 20 operates with an interchangeable thermistor probe. The Therma 22 operates with either a interchangeable thermistor or type T thermocouple probe. These instruments are designed to be compatible with ThermoWorks manufactured probes.

CHANGE FROM FAHRENHEIT TO CELSIUS - Press and hold the "ON/OFF" button for 5 seconds at start up and the displayed temperature will change from °F and °C.

BATTERY REPLACEMENT - The instrument will display 'LO BAT' to warn that the batteries will need changing soon. The instrument continues to measure accurately but after further usage the instrument will display 'flat bat' and shutdown. Replace the batteries with three AAA batteries located under the rear cover that is held in place by a single screw.

GUARANTEE - This instrument carries a two-year warranty against defects in either components or workmanship. During this period, products that prove to be defective will, at the discretion of ThermoWorks, be either repaired or replaced without charge. This warranty does not apply to probes, where a six-month period is offered. The product warranty does not cover damage caused by fair wear and tear, abnormal storage conditions, incorrect use, accidental misuse, abuse, neglect, misapplication, or modification. Full details of liability are available within ThermoWorks' Terms & Conditions of Sale at www.thermoworks.com/product-warranty. In line with our policy of continuous development, we reserve the right to amend our product specification without prior notice.