



Model  
TC20

# Dual Input Thermocouple Thermometer

Accepts Type J or K, High/Low Alarm, Selectable Resolution



**Quickly measure differential temperatures** with Model TC20 Dual Input Thermocouple Thermometer. Model TC20 accepts type J or K thermocouples and simultaneously displays T1, T2, or T1-T2 and elapsed time on a large, multi-function LCD. The unit features programmable high/low audible alarms, max/min, average readings, display hold and relative mode. The relative mode permits the user to store the current temperature value and compare it to subsequent temperature readings. Model TC20 thermometer includes two type K bead wire probes, rubber holster, 9V battery and instruction manual.

**Model TC20**, Dual Input Thermocouple Thermometer  
**Model TC20-N**, Includes NIST Certification

## SPECIFICATIONS

**Input:** Type J or K [Two 4 ft (1.22 m) type K thermocouple bead probes included].

**Temperature Range:** -328 to 1922°F (-200 to 1050°C) for type J; -328 to 2498°F (-200 to 1370°C) for type K.

**Accuracy:** -58 to 2498°F (-50 to 1370°C):  $\pm 0.05\%$  of reading + 0.6°F (0.3°C); -328 to -58°F (-200 to -50°C):  $\pm 0.05\%$  of reading + 1.4°F (0.7°C).

**Display:** 0.8" (20 mm) height, 5-digit LCD with switchable back light.

**Resolution:** Selectable 1° or 0.1°.

**Response Time:** 1 second.

**Temperature Limits:** 32 to 122°F (0 to 50°C) max 80% RH.

**Storage Temperature:** -4 to 140°F (-20 to 60°C) max 70% RH.

**Power Requirements:** 9V alkaline (included).

**Battery Life:** 200 hours typical.

**Thermocouple Connection:** Standard female mini-connector.

**Housing:** ABS plastic.

**Weight:** 13 oz (365 g).

**Agency Approvals:** CE.