

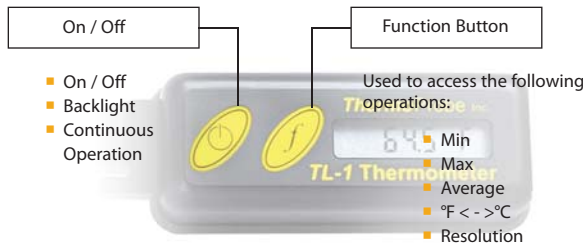
TL1-W



The TL1-W is a modified field version of our successful TL1-A thermometer. It features a rugged frame for reinforcement and is designed for continuous operation, but can be easily powered off if desired.

The TL1-W thermometer is intended to be used anywhere a precision glass stem thermometer or other type thermometer may be used. The TL1-W incorporates glass thermometer simplicity and reliability with the ease of a digital display. Like precision mercury thermometers, the TL1-W has accuracy, repeatability and long-term stability. But unlike those thermometers there will never be problems with mercury separation or hazardous material cleanup. Different from most precision electronic thermometers, the "Cordless" TL1-W has no wires to get in the way or break. Battery replacement is easily done through a sealed cover. Encoded calibration is unaffected by temperature, vibration or battery removal. Low battery display, and failure mode indications protect the user from false data.

4 Point NIST Traceable Calibration and a one year warranty included.



FEATURES of the TL1-W include: minimum reading, maximum reading, averaging, and easy °F to °C switching, backlight and a sturdy frame. In addition, the display arrows indicate increasing or decreasing temperature activity.

Certifications:



SPECIFICATIONS

<i>Display:</i>	LCD with 0.25 inch characters Trend Indicating Arrows Low Battery & Fault indication
<i>User Functions:</i>	Auto-off after 20 minutes Lowest Reading, Highest Reading, Average Reading Switchable in Units of °F or °C
<i>Construction:</i>	Stainless steel temperature sensor; Standard Sensor length 8" (20cm) Standard diameter 1/4" (6.35mm) with reduced diameter tip of 3/16" (4.76mm) Sturdy Acetal frame surrounding aluminum enclosure Electronics and display in 3.5" x 1.2" anodized Aluminum enclosure Molded Silicone seal. Highly durable display window, graphics and membrane switches.
<i>Weight:</i>	6.5 ounces, 180 grams
<i>Temperature:</i>	Resolution 0.01 Degrees Calibrated Accuracy: ±0.1°F from 14 to 320°F ±0.07°C from -10 to 160°C NIST Traceable Report of Test
<i>Temperature Time Constant:</i>	14 Seconds in water bath.
<i>Electronics:</i>	Ultra Low Power Microcontroller FLASH Memory 20 bit A/D Converter Recommended temperature range for best accuracy 32° to 112°F, 0° to 44°C
<i>Sensor:</i>	100 Ohm, Class A 1/3 DIN RTD Immersion depth 4", 11cm
<i>Battery:</i>	2 AAA Duracell MX2400 Battery Life several hundred hours depending on backlight usage Battery Operating Range -4 to 130°F, -20 to 54°C Note: Battery may not provide adequate power if ambient temperature is below 40°F, 4°C or above 130°F, 54°C

Specifications subject to change