

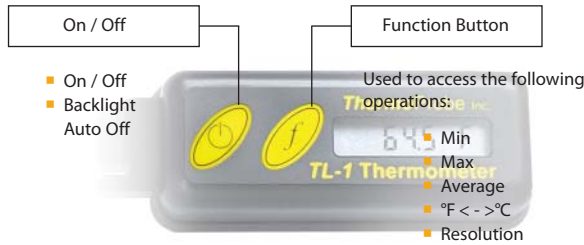
TL1-A



The TL1-A thermometer is intended to be used anywhere a precision glass stem thermometer or other type thermometer may be used.



The TL1-A is an improved version of the original ThermoProbe model TL1. The TL1-A incorporates glass thermometer simplicity and reliability with the ease of a digital display. Like precision mercury thermometers, the TL1-A 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 electronic thermometers, the "Cordless" TL1-A 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.



KEY FEATURES of the TL1-A include: auto-off after 20 minutes to save battery life, minimum reading, maximum reading, averaging, and easy °F to °C switching. In addition, the display arrows indicate increasing or decreasing temperature activity.

Certifications:


 DEMKO
05 ATEX139905X
 
 II 2 G
EEx ib IIB T4

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 or continuous operation 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) Sensor mount acetyl plastic 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>	3 ounces, 93 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 100 Ohm, Class A 1/3 DIN RTD Immersion depth 4", 11cm
<i>Battery:</i>	20mm Coin Size 3V Lithium, Duracell Type CR2032 400 hour service life at 70°F, 21°C Battery Operating Range -4 to 130°F, -20 to 54°C Note: Battery may not provide adequate power below 40°F, 4°C

Specifications subject to change