

TPP1

Immersion Thermometer, Probe Style



Celsius (TPP1-C) and Fahrenheit (TPP1-F) versions

- Temperature to 250 °C (TPP1-C) 480 °F (TPP1-F)
- 0.1 ° resolution
- Easy to read digital display (3-1/2 digits)
- Data hold
- Protective sleeve cover with pocket clip
- Immersion or piercing
- Compact and portable
- Long battery life 200 hours, typical
- Battery included

Small and portable for those measurements out in the field. Digital displays with 0.1 resolution. Fahrenheit and Celsius versions available. Flat surface mount thermometer also available.

TPP1 Specifications (23 °C ± 5°, <70 % RH)

Display	LCD, 3 1/2 digit	
Overload Display	OL or -OL	
Range	-50 to 250 °C (-58 to 482 °F)	
Range	Resolution	Accuracy
-50 to -20 °C	1.0 °C	± 3 °C
-50 to 49.9 °C	0.1 °C	± 2 °C
50 to 199.9 °C	0.1 °C	± (2 % rdg + 1 °C)
200 to 250 °C	1.0 °C	± (2 % rdg + 1 °C)
-58 to -4 °F	1.0 °F	± 5 °F
-3.8 to 121.8 °F	0.1 °F	± 1.8 °F
122 to 391 °F	0.1 °F/1 °F	± (2 % rdg + 1.8 °F)
392 to 482 °F	1 °F	± (2 % rdg + 2 °F)
Temperature Change/response time	> 10 °K/s	
Temperature Coefficient	< 0.1 multiply with tolerance per °C for environment condition 0° to 18 °C and 28° to 50 °C	

General Specifications

Working Temperature	0 °C to 50 °C at < 80 % relative humidity
Storage Temperature	0 °C to 60 °C (32 °F to 122 °F) at RH < 80 %
Power Supply	3 V battery, CR 2032, coin cell
Battery Life	approximately 200 hours
Dimensions	40 x 30 x 160 mm (1.57 x 1.18 x 6.29 in)
Weight	approximately 16 g (.56 oz) including battery
Pollution Degree	IP40
Altitude	2000 m (6561 ft)

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