

# TPP2

## Flat Surface Thermometer Probe



*Celsius (TPP2-C) and Fahrenheit (TPP2-F) versions*

- Flat surface contact area
- Temperature to 250 °C (TPP2-C) 480 °F (TPP2-F)
- 0.1 ° resolution in both Celsius and Fahrenheit versions
- Easy to read digital display
- Data hold
- 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. Immersion probe thermometer also available.

### TPP2 Specifications (23 °C ± 5°, <70 % RH)

<b>Humidity</b>	(23 °C ± 5°, <70 % RH)	
<b>Display</b>	LCD, 3-1/2 digit	
<b>Overload Display</b>	OL or -OL	
<b>Range</b>	-50 to 250 °C (-58 to 482 °F)	
<b>Range</b>	<b>Resolution</b>	<b>Accuracy</b>
-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)
<b>Temperature Change/response time</b>	> 10 °K/s	
<b>Temperature Coefficient</b>	<0.1 multiply with tolerance per °C for environment condition 0° to 18 °C and 28° to 50 °C	

### General Specifications

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



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