

Data Sheet

TPP1 Immersion Probe



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



Pocket thermometer probe

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.

- Temperature -50 °C to 250 °C (TPP1-C) -58 °F to 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

Specifications (23 °C ± 5°, <70 % RH)

Function	Range	Resolution	Accuracy
Display	LCD, 3-1/2 digit		
Overload Display	OL or -OL		
Range	-50 °C to 250 °C (-58 to 482 °F)		
	-50 °C to -20 °C	1.0 °C	± 3 °C
	-19.9 °C to 49.9 °C	0.1 °C	± 2 °C
	50 °C to 199.9 °C	0.1 °C	± (2 % rdg + 1 °C)
	200 °C to 250 °C	1.0 °C	± (2 % rdg + 1 °C)
	-58 °F to -4 °F	1.0 °F	± 5 °F
Range	-3.8 °F to 121.8 °F	0.1 °F	± 1.8 °F
	122 °F to 391 °F	0.1 °F/1 °F	± (2 % rdg + 1.8 °F)
	392 °F 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 °C 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
Pollution Degree	IP40
Altitude	2000 m (6561 ft)
Dimensions	40 mm x 30 mm x 160 mm (1.57 in x 1.18 in x 6.29 in)
Weight	approximately 16 g (.56 oz) including battery

No waiting.

No shipping
charges.

No hassle
warranty



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