



## TPP1-C1, TPP1-F1 Immersion Probe

### 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.

- 0.1 ° resolution
- Temperature
  - 50 °C to 250 °C (TPP1-C1)
  - 58 °F to 480 °F (TPP1-F1)
- Easy to read digital display (3½ digits)
- Data hold
- Protective sleeve cover with pocket clip
- Immersion or piercing
- Compact and portable
- Long battery life 200 hours, typical
- Battery included



TPP1-C1



TPP1-F1



## No hassle warranty

*No waiting.*

*No shipping charges.*



Our commitment to high-quality products and customer service is demonstrated by our industry exclusive "No Hassle" warranty. In the unlikely event that an Amprobe Test Tool requires warranty service, any of our local dealers are authorized to replace it, on the spot.

(note: \$500 MSLP limit)

**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

**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
	-3.8 °F to 121.8 °F	1.0 °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		