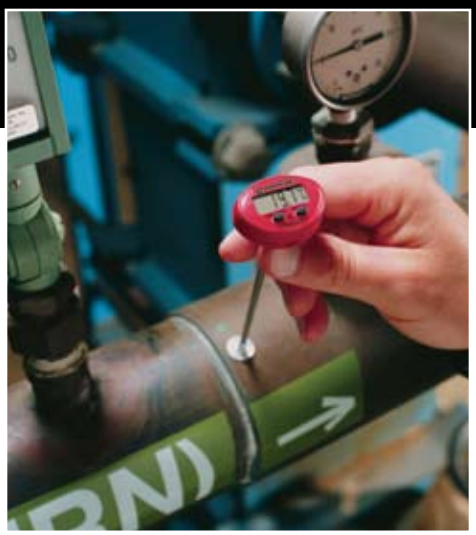

AMPROBE®

Data Sheet

TPP2-C1, TPP2-F1
Flat Surface Probe

Flat surface thermometer probe

Small and portable for those measurements out in the field. Digital displays with 0.1 resolution. Farhenheit and Celsius versions available. Immersion probe thermometer also available.

- **Flat surface contact area**
- **Temperature to**
  -50 °C to 250 °C (TPP2-C1)
  -58 °F to 480 °F (TPP2-F1)
- **0.1 ° resolution in both Celsius and Fahrenheit versions**
- **Easy to read digital display**
- **Data hold**
- **Long battery life 200 hours, typical**
- **Battery included**



TPP2-C1



TPP2-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)

AMPROBE®

TPP2-C1, TPP2-F1 Flat Surface Probe

Data Sheet

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**		

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