

SP341 Sub-mini K-Type Thermometer

K-Type single input thermometer with industry standard sub-mini connector. Use with TPI Smart Probe App to display temperature. Measure T1, T2 and calculate T1-T2 using a single SP341 or two SP341's at the same time.

Features/Benefits:

- Auto Field Calibrate in less than 10 seconds in ice water to achieve +/- 1°F system (tester & probe) accuracy within 30°F to 120°F temperature range
- Measure temperature and calculate T1-T2
- Communicate with Android Smart Phone using Bluetooth LE and TPI App
- Record minimum, maximum & average
- Display readings in °F or °C

Applications:

HVAC/R

- Ambient Air
- Calibrate Thermostats
- Compressor Heads
- Registers
- Temperature Differential
- Vents

FOOD

- Grill & Surface Temperatures

ELECTRICAL

- Cables
- Circuit Breakers
- Connections
- Machinery
- Motors & Transformers

Range:

• -58°F to 2462°F (-50°C to 1350°C)

K-Type Thermocouple Thermometer



TPI Smart Probe App

Smart phone app allows easy documentation that you can share with your customer. Reduce paperwork and save time! See Smart Phone window examples below.

SP341 Smart Probe K-Type Thermometer Specifications

Input Type	K-Type thermocouple with sub-mini connector
Measurement Range	-58°F to 2462°F (-50°C to 1350°C)
Accuracy	±3.2°F (-58°F to 32°F) ±1.6°C (-50°C to 0°C) ±(0.3% of reading, + 2°F) (32°F to 1000°F) ±(0.3% of reading, + 1°C) (0°C to 600 °C) ±(0.4% of reading, + 2°F) (>1000°F) ±(0.4% of reading, + 1°C) (>600°C)
Resolution	0.1°F / °C (-19.9°F / °C to 999.9°F / °C) 1°F / °C (> -20°F / °C / >999.9°F / °C)
Operating Temperature	-4°F to 122°F (-20°C to 50°C)
Communication	Bluetooth version 4.2 (Use with TPI Smart Probe App)
Battery Type	AAA x 3
Battery Life	60 hours typical

