



SP341 Sub-Mini K-Type Thermometer

Use with Your Smart Phone & FREE TPI Smart Probe App

K-Type single input thermometer with industry standard sub-mini connector. Use with TPI Smart Probe App to display temperature on a smart phone. 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 smart phone using Bluetooth LE and TPI App
- Heavy-duty magnet on back for hands-free use
- Record minimum, maximum & average
- Display readings in °F or °C

Applications:

HVAC/R

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

FOOD

- Grill & Surface Temperatures

ELECTRICAL

- Cables, Connections
- Circuit Breakers, Motors & Transformers

Range:

- -58°F to 2462°F (-50°C to 1350°C)

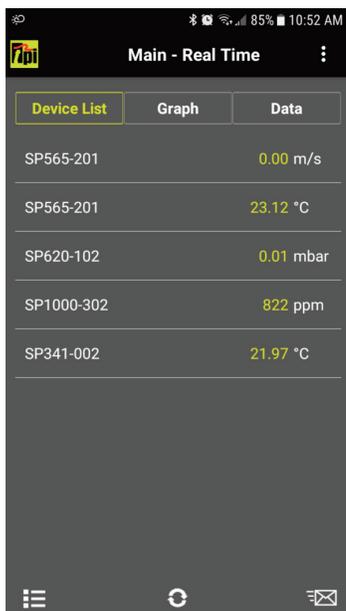
SP341: instrument, pouch and GK41M probe

SP341C1: instrument, pouch and FK13M probe

SP341C2: instrument, pouch and GK16M probe

TPI App: TPI Smart Probe App [Free](#)

Put Your Smart Phone To Work!



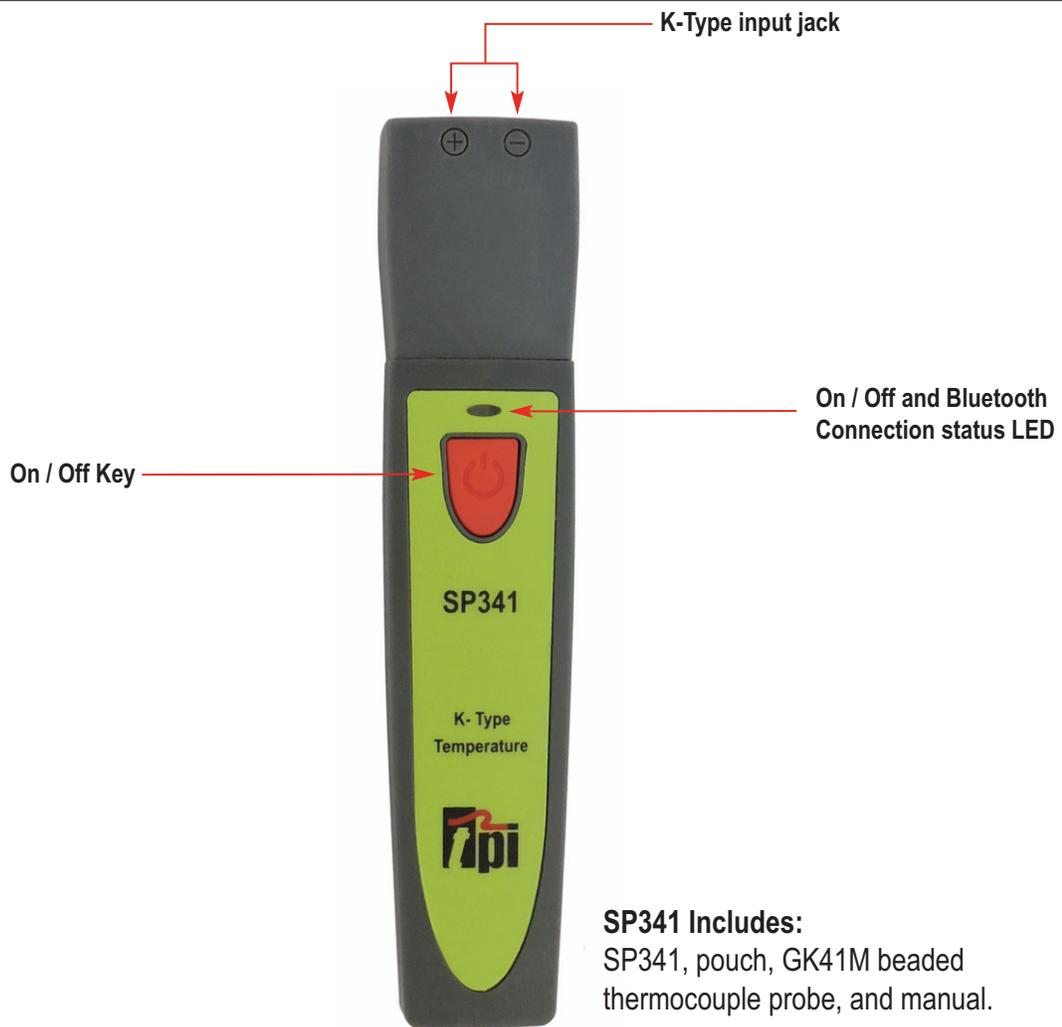
Smart Probe App

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



GK41M General purpose beaded tip probe		
Range°F°C -40° to 400°F -40° to 204°C	Dimensions Stem Length: 8" IP Rating: N/A Diameter: 24 gauge	Application Exposed junction for fast response in food and non-food liquid, air and surface applications

Optional Probes: For the SP341

CK15M Heavy-duty contact surface probe		
Range°F°C -40° to 950°F -40° to 510°C	Dimensions Stem Length: 8" IP Rating: N/A Diameter: 0.6"/0.15"	Application Contact temperatures on flat and uneven high temperature surfaces
FK13M Pointed tip penetration probe		
Range°F°C -40° to 1562°F -40° to 850°C	Dimensions Stem Length: 8" IP Rating: 67 Diameter: 0.15"	Application General purpose penetration into semi-solids and liquids
GK16M General purpose caged air probe		
Range°F°C -40° to 500°F -40° to 260°C	Dimensions Stem Length: 8" IP Rating: N/A Diameter: 0.15"	Application Caged exposed junction for fast response in air