

Temperature STICK

Handy IAQ Pocket Tools

- Economical and versatile
- Fast, reliable, and accurate measurements
- Ideal for use in homes, schools, public buildings, and by HVAC professionals
- Easily read data from any angle with patented swiveling head LCD
- Compact and easy to operate
- Convenient pocket clip
- Short-term high temperature measurement up to 932 F
- Fahrenheit/Celsius selectable
- Wide measurement range



Surface Temperature STICK
(Cat. No. 751-9056)
features swiveling head
for easy viewing

The most monitored indoor air quality factor is temperature. Different applications call for different methods of measuring temperature. With that in mind, SKC offers two types of low-cost, easy-to-use mini-thermometers for penetration and surface temperature measurements.

Temperature STICKs

Measure from -58 to 662 F (Short-term to 932 F)

Penetration Temperature STICK is one of the fastest stick thermometers available measuring -58 to 662 F (short-term up to 932 F). The Penetration Temperature STICK is exceptionally accurate in higher measuring ranges for a digital thermometer in its price class. Use the Penetration Temperature STICK for fast air temperature readings or measurements in HVAC systems.

Surface Temperature STICK is a professional quality digital surface thermometer that provides fast, highly accurate measurements between -58 to 662 F (short-term to 932 F). Surface Temperature STICK features a spring-loaded thermocouple head that guarantees fast and accurate measurements of both smooth and uneven surfaces.



Choosing a Temperature Measuring Instrument

The method of temperature measurement is dependent on the application. Consider the following items when selecting a particular method of temperature measurement:

- Design of instrument
- Measuring range
- Instrument accuracy
- Price
- Response time
- Drift

Typically, thermocouple probes provide fast measurements, have wide measuring ranges, and are less expensive. The more accurate but slower resistance and NTC-type probes tend to be more expensive. Choosing an instrument with a wide measuring range will provide for the most versatility.

Applications

Penetration

- Measuring HVAC systems
- Monitoring in the food sector (HACCP)
- Laboratories
- Transportation industry

Surface

- Monitoring motors
- Measuring on injection moulding dies
- Metal processing industry
- Servicing electrical products such as
 - Cooking surfaces
 - Irons
 - Radiators
- Checking hot and cooking plates in catering industry

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Performance Profile

Digital Penetration Thermometer

Measuring range:	-58 to 662 F (-50 to 350 C) Short-term to 932 F (500 C)
Accuracy:	± 1.8 F (-58 to 210 F) ± 1% of rdg. (remaining range)
Resolution:	0.2 F
Storage temperature:	-4 to 160 F (-20 to 71 C)
Operating temperature:	31 to 104 F (-0.5 to 40 C)
Battery:	AAA-type alkaline
Battery life:	1000 hrs
Weight:	2.8 oz
Dimensions:	10 x 1.5 x 1.4 in (25.4 x 3.8 x 3.6 cm)
Probe type:	Type K

Surface Thermometer with Spring-loaded Probe

Measuring range:	-58 to 662 F (-50 to 350 C) Short-term to 932 F (500 C)
Accuracy:	± 1.8 F (-58 to 932 F) ± 1% of rdg.
Resolution:	1.8 F
Storage temperature:	-4 to 160 F (-20 to 71 C)
Operating temperature:	31 to 104 F (-0.5 to 40 C)
Battery:	AAA-type alkaline
Battery life:	1000 hrs
Dimensions:	9 x 1.5 x 1.4 in (22.9 x 3.8 x 3.6 cm)
Probe type:	Type K

Ordering Information

Description	Cat. No.
Penetration Temperature STICK includes belt clip and battery	751-9055
Surface Temperature STICK includes spring-loaded thermocouple probe head, belt clip, and battery	751-9056

