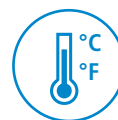




DATA SHEET

Si-TT3



Dual Input Thermometer



Dual channel K Thermocouple,
measuring range: -200 to 1300°C/
-328 to 2372°F



Backlit LCD screen



2 probes included, measuring
range: -40 to 260°C/-40 to 500°F



Magnetic backing for easy
fixing + Carrying bag



Sauermann Pilot App



Technical specifications

Parameter	Measuring units	Accuracy*	Measuring range	Resolution
Temperature	°C, °F	±0.4°C from 0 to 1300°C ±(0.3 % of value +0.4°C) from -200 to 0°C	-200 to 1300°C	0.1°C
		±0.8°F from 32 to 2372°F ±(-0.3 % of value +0.8°F) from -328 to 32°F	-328 to 2372°F	0.1°F (1°F from 2000 to 2372°F)

Accuracy of full measurement depends on accuracy of instrument and also on accuracy of probe used. Typically a thermocouple type K probe has the following accuracy:
Class 1: ±1.5 °C / 2.7 °F or ±0.4% of reading. Class 2: ±2.5 °C / 4.5 °F or ±0.75% of reading. Class 3: ±2.5 °C / 4.5 °F or ±1.5% of reading
Si-TT3 is supplied with 2x K thermocouple probes, accuracy class 2 and measuring range -40 to 260°C/-40 to 500°F.

*All the accuracies indicated in this technical datasheet were stated in laboratory conditions, and can be guaranteed for measurements carried out in the same conditions.

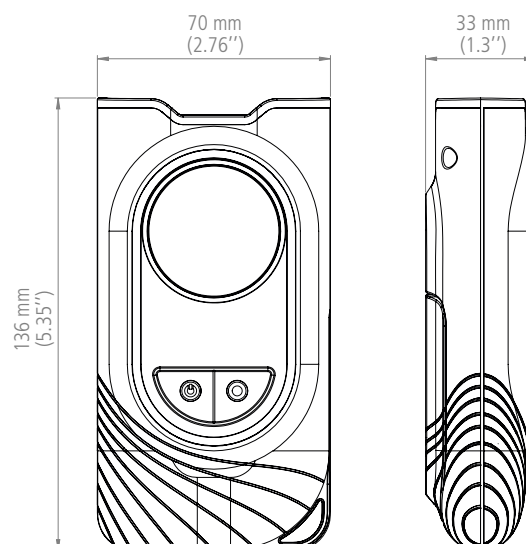
Google Play and the Google Play logo are trademarks of Google LLC.
App Store is a service mark of Apple Inc.

General features

Measuring element	2x K Thermocouple wire probes, class 2 Visible welding, isolated PFA, 1 m (39.37") cable length Output on miniature male compensated connector
Connector	2 inputs for miniature female compensated connector
Display	Integrated 2-line LCD 7 segment monochrome display with backlight
Housing	ABS-PC and TPE. IP54
Keypad	1 ON/OFF & Backlight button 1 Hold/Min/Max/Live & Differential temp/ T1&T2 button
Standards & Directives	2011/65/EU RoHS II (EU)2015/863; 2012/19/EU WEEE; 2014/53/EU RED
Power supply	3 alkaline batteries LR03 AAA 1.5 V
Battery life	400 hours* (without backlight and without wireless communication)
Wireless communication	Range frequency from 2402 MHz to 2480 MHz with a transmit power of 0 dBm. Range up to 15 m (98 ft), depending on smartphone radio strength. Minimum required versions: Android 5.0, iOS 12.4, BLE 4.0
Ambiance	Air and neutral gas
Operating conditions	From -10 to +60°C (14 to 140°F). In non condensing conditions. Altitude: from 0 to 2000 m (6561').
Storage temperature	From -20 to +70°C (-4 to 158°F)
Auto shut-off	10 minutes (can be deactivated)
Weight (with batteries)	210 g (7.4 oz)
Weight (with batteries and 2 probes)	224 g (8 oz)

*Battery life given at 20°C (68°F) with alkaline batteries

Dimensions



Kit content

- 2x K Thermocouple wire probes, class 2, 1 m (39.37") cable length, measuring range: -40 to 260°C/-40 to 500°F
- Certificate of conformity
- Quick Start Guide
- 3 alkaline batteries LR03 AAA 1.5 V
- Carrying bag

Accessories

Name	Reference
1x K Thermocouple wire probe class 2. Measuring range: -40 to 260°C/-40 to 500°F. Visible welding, isolated PFA, 1 m (39.37") cable length. Output on miniature male compensated connector.	SIACCTC

Sauermann Pilot App

The Sauermann Pilot app allows to view and record measurements in real-time.

Main features:

- Easily view different parameters
- Browse saved measurements history and data graphs (average, min & max values, etc.)
- Create reports (PDF or CSV) and add up to height (8) photos