Professional Thermocouple Thermometers



ST-8891/8891A/8891B/8891C/8891D/8891E
Professional Thermocouple Thermometers

8891 8891A/8891B/8891C/8891D/8891E contact thermometers offer fast response and laboratory accuracy. These thermometers work with K-type thermocouples and one IR temperature probe as temperature sensors, and offer 0.1 °C/0.1 °F resolution.

- Large backlit display shows any combination of T1, T2, T3, T1-T2 , T1-T3, T2-T3 plus MAX, MIN, AVG
- Relative time clock on MAX, MIN and AVG provides a time reference for major events
- Electronic Offset function allows compensation of thermocouple errors to maximize overall accuracy
- Readout in °C, °F, or Kelvin (K)
- USB interface, USB to UART Bridge Controller(8891C/8891D/8891E)
- 18,000 records data logger per channel(8891C/8891E)
- Auto Power Off mode (Sleep mode) energy saver

EMC
EN: 61326

Type K Dual inputs (8891A)

Type K (T1) | Type K (T2) | IR (T3)

Type K Dual inputs with IR Thermometer (8891)

Backlight

Infrared Input

Temperature probe (Optional)

Thermistor clamp (Optional)



Model 8891

Features

	8891	8891A	8891B	8891C	8891D	8891E
User Selectable °C, °F or K	*	*	*	*	*	*
0.1 °C/0.1 °F/0.1K resolution.	*	*	*	*	*	*
Type K Single input			*			
Type K Dual inputs	*	*		*		
Type K four inputs					*	*
IR temperature input	*		*	*	*	*
Max Min/Avg Hold and Data Hold	*	*	*	*	*	*
Differential Temperature	*	*	*	*	*	*
Scan Function(T1,T2,T3,T-T2.....)	*	*	*	*	*	*
LCD display with backlight	*	*	*	*	*	*
Wide variety of interchangeable	*	*	*	*	*	*
Thermocouple Probes	*	*	*	*	*	*
Auto Power Off	*	*	*	*	*	*
USB interface				*	*	*
Data logging function				*		*

Specifications

	Range	Basic Accuracy	8891	8891A	8891B	8891C	8891D	8891E
Type K	-200°C to 1372°C (-328°F to 2501°F)		T1,T2	T1,T2	T1	T1,T2	T1,T2, T3,T4	T1,T2, T3,T4
	Above-100°C (-148°F)	±[0.15% rdg+1°C(1.8°F)]						
	Blow -100°C (-148°F)	±[0.5%rdg+2°C(3.6°F)]						
IR temperature	-30°C to 550°C (-22°F to1022°F)		T3		T2	T3	IR	IR
	Above-10°C(14°F)	±[2.0%rdg+2°C(3.6°F)]						
	Blow -10°C(14°F)	±5°C(9.0°F)						
Type K- Type K temperature		±[0.5%rdg+1°C(1.8°F)]	T1-T2		T1-T2	T1-T2	T1-T2, T3-T4	T1-T2, T3-T4
Type K-IR temperature	IR temperature Above-10°C(14°F)	±[2.0%rdg+3°C(3.6°F)]	T1-T3, T2-T3		T1-T2	T1-T3, T2-T3	T1-IR, T2-IR	T1-IR, T2-IR
	IR temperature Blow -10°C(14°F)	= 6°C(9.0°F)						
IR-Type K temperature	IR temperature Above-10°C(14°F)	±[2.0%rdg+3°C(3.6°F)]					IR-T3, IR-T4	IR-T3, IR-T4
	IR temperature Blow-10°C(14°F)	= 6°C(9.0°F)						



Model 8891E

Size(HxWxD): 203mm x 75mm x 50mm
Weight: 280g

Accessories : 9V battery, Type K temp probe, IR temp probe(8891/8891B 8891C/8891D/8891E), USB cable(8891C/8891D/8891E), software(8891C/8891D/8891E), Carrying case and Gift box.