CEM

The thermometer offers fast response and laboratory accuracy. This data logging thermometer is suitable for most temperature measurement and data logging applications. These thermometers work with four K-type thermocouples and one IR temperature probe as temperature sensors, and it offered 0.1°C/0.1°F resolution. It's internal memory can keep up to 10,000 records per channel. It uses USB interface to perform bi-directional communication with PC.

DT-8891E

PROFESSIONAL THERMOCOUPLE THERMOMETER WITH DATA LOGGER

l Large backlit display shows any combination of T1, T2, IR, T3, T4, T1-T2 , T1-IR, T2-IR3, T3-T4, IR-T3, IR-T4. plus MAX, MIN, AVG.

l Relative time clock on MAX MIN and AVG provides a time reference for major events.

l Electronic Offset function allows compensation of thermocouple errors to maximize overall accuracy.

l Readout in °C, °F, or Kelvin (K).

l USB interface, USB to UART Bridge Controller.

l 18000 records data logger per channel.

l Auto Power Off mode (Sleep Mode) increases battery life.

General Specifications

Operating Temperature	0°C to +50°C (4°F to +122°F)	
	Noncondensing	
Storage Temperature	-10°C to +50°C (14°F to +122°F)	
Temperature Range	K type thermocouples	-200°C to 1372°C (-328°F to 2501°F)
	IR Temperature	-30°C to 550°C (-22°F to1022°F)
Temperature accuracy		
T1, T2 ,T3, T4 Above – 100°C (-148°F)		±[0.15%rgd+1°C (1.8°F)]
T1, T2,T3, T4 Blow – 100°C (-148°F)		±[0.5%rgd+2°C (3.6°F)]
T1-T2, T3-T4		±[0.5%rgd+1°C (1.8°F)]
IR	IR Above -10°C (14°F)	±[2.0%rgd+2°C (3.6°F)]
	IR Below -10°C (14°F)	±5°C (9.0°F)
T1-IR T2-IR	IR Above -10°C (14°F)	±[2.0%rgd+3°C (5.4°F)]
	IR Below -10°C (14°F)	±6°C (11°F)
IR-T3 IR-T4	IR Above -10°C (14°F)	±[2.0%rgd+3°C (5.4°F)]
	IR Below -10°C (14°F)	±6°C (11°F)
Display Resolution		0.1°C /°F/ K <1000, 1°C / °F / K > 1000

Accessories

Battery, Carrying case, Instruction Manual and Test Certificate.