



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

- I 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.
- I Relative time clock on MAX MIN and AVG provides a time reference for major events.
- I Electronic Offset function allows compensation of thermocouple errors to maximize overall accuracy.
- I Readout in °C, °F, or Kelvin (K).
- I USB interface, USB to UART Bridge Controller.
- I 18000 records data logger per channel.
- I 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 to 1022°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.

Contact :

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