

Type K/J/T/E/R THERMOMETER

Model : TM-926

ISO-9001, CE, IEC1010



Lutron

LUTRON ELECTRONIC

FEATURES

- * Type J/K/R/E/T thermocouple thermometer.
- * Temp. probe accept 5 different types : type K, type J, type R, type T, type E.
- * Microcomputer circuit with excellent performance.
- * Wide temperature measuring range.
- * °C & °F select button.
- * 0.1 degree resolution for type K/J/T/E.
- * Data hold.
- * Memory function to record the maximum & minimum reading.
- * REL button for relative measurement.
- * Sensor select button on the front panel, easy to change different type probe.
- * RS 232 data output.
- * Optional data acquisition software for data record.
- * Auto power off saves battery life.
- * Heavy duty & compact housing case with stand.
- * Powered by 006P DC 9V battery.

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Type K/J/R/E/T THERMOMETER

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| FEATURES | |
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| * Type J/K/R/E/T thermocouple thermometer. | |
| * Thermocouple probe accept 5 different types : type K, type J, type R, type T, type E. | |
| * Microcomputer circuit with excellent performance. | |
| * Wide temperature measuring range. | |
| * Build in °C & °F select button on the front panel. | |
| * 0.1 degree resolution for type K/J/T/E. | |
| * Data hold function for storing the desired value . | |
| * Memory function to record the maximum & minimum reading. | |
| * Build in a REL button, useful for relative measurement. | |
| * Sensor select button on the front panel, easy to change different type probe. | |
| * RS 232 data output, easy to connect with computer. | |
| * Optional data acquisition software for data record. | |
| * Auto power off saves battery life. | |
| * Built-in low battery indicator. | |
| * Heavy duty & compact housing case with stand. | |
| * Powered by 006P DC 9V battery. | |

| GENERAL SPECIFICATIONS | |
|------------------------|--|
| Display | 51 mm x 32 mm supper large LCD display, 15 mm (0.6") digit size. |
| Sensor Type | <i>Thermocouple probe</i> @ Thermocouple type K @ Thermocouple type J @ Thermocouple type T @ Thermocouple type E @ Thermocouple type R |
| Functions | °C, °F, Data hold, Memory (Max., Min.), Relative measurement, |
| Resolution | 0.1 degree or 1 degree. |
| Circuit | Exclusive microcomputer circuit, the software build in linearity correction function instead of the traditional hardware circuit. |
| Probe Input Socket | <i>Thermocouple probe :</i> Standard 2 pin thermocouple socket. |
| Sampling Time | Approx. 1 second. |
| Hold Function | To freeze the display reading value. |
| Memory Recall | Memorize the Maximum, Minimum reading. |
| Offset Adjustment | Available for thermocouple thermometer, adjustment by pushing button on front panel. |
| Over Indication | Show " - - - - ". |
| Data Output | RS232 PC serial interface. |
| Power Supply | Alkaline or heavy duty type, DC 9V battery, 006P, MN1604 (PP3) or equivalent. |

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| Power Consumption | Approx. DC 11 mA. |
| Operating Temperature | 0 to 50 °C (32 to 122 °F). |
| Operating Humidity | Less than 80% RH. |
| Size | 195 x 68 x 30 mm (7.6 x 2.6 x 1.2 inch). |
| Weight | 220 g/0.48 LB. |
| Standard Accessory | Operational manual..... 1 PC. |
| Optional & accessories | Thermocouple couple (Type K) probe : Model : TP-01, TP-02A, TP-03, TP-04. |
| Temp. Probe | RS232 cable, Model : UPCB-02 USB cable, Model : USB-01 Application software, windows version. Model : SW-U801-WIN |

| ELECTRICAL SPECIFICATIONS (23 ± 5 °C) | | | |
|--|--------------|--------------------|----------------------|
| Sensor Type | Reso- lution | Range | Accuracy |
| Type K | 0.1 °C | -50.0 to 1300.0 °C | ± (0.2 % + 0.5 °C) |
| | | -50.1 to -100.0 °C | ± (0.2 % + 1 °C) |
| | 0.1 °F | -58.0 to 2372.0 °F | ± (0.2 % + 1 °F) |
| | | -58.1 to -148.0 °F | ± (0.2 % + 1.8 °F) |
| Type J | 0.1 °C | -50.0 to 1150.0 °C | ± (0.2 % + 0.5 °C) |
| | | -50.1 to -100.0 °C | ± (0.2 % + 1 °C) |
| | 0.1 °F | -58.0 to 2102.0 °F | ± (0.2 % + 1 °F) |
| | | -58.1 to -148.0 °F | ± (0.2 % + 1.8 °F) |
| Type T | 0.1 °C | -50.0 to 400.0 °C | ± (0.2 % + 0.5 °C) |
| | | -50.1 to -100.0 °C | ± (0.2 % + 1 °C) |
| | 0.1 °F | -58.0 to 752.0 °F | ± (0.2 % + 1 °F) |
| | | -58.1 to -148.0 °F | ± (0.2 % + 1.8 °F) |
| Type E | 0.1 °C | -50.0 to 900.0 °C | ± (0.2 % + 0.8 °C) |
| | | -50.1 to -100.0 °C | ± (0.2 % + 1 °C) |
| | 0.1 °F | -58.0 to 1652.0 °F | ± (0.2 % + 1.5 °F) |
| | | -58.1 to -148.0 °F | ± (0.2 % + 1.8 °F) |
| Type R | 1 °C | 0 to 600 °C | ± (1 % + 5 °C) |
| | | 601 to 1700 °C | ± (1.5 % + 5 °C) |
| | 1 °F | 32 to 1112 °F | ± (1 % + 10 °F) |
| | | 1113 to 3092 °F | ± (1.5 % + 10 °F) |
| Remark : a. Accuracy value is specified for the meter only. b. Accuracy is tested under the ambient temperature within 23± 5°C. c. Linearity Correction : Memorize the thermocouple's curve into the intelligent CPU circuit, | | | |

* Appearance and specifications listed in this brochure are subject to change without notice.