

*T1, T2, T1-T2, two displays, type K/J*

# **TWO CHANNEL THERMOMETER**

**Model : TM-925E**

***ISO-9001, CE, IEC1010***



**Lutron**

**LUTRON ELECTRONIC**

***The Art of Measurement***

# *T1, T2, T1-T2, two display*

# TWO CHANNEL THERMOMETER

## Model : TM-925E

### FEATURES

* Two channels thermometer, T1, T2, T1-T2, T1 only.
* Both type K/J temp. measurement, wide range.
* °C/°F, 0.1 degree.
* Microcomputer circuit provides intelligent function and high accuracy.
* LCD with two display, easy readout.
* Manual and auto data logger, with flexible sampling time selection, can save max. 1,600 reading data.
* Records Maximum and Minimum readings with recall.
* Data hold function for freezing the desired value.
* It can default to accept type K or type J Temp. probe.
* It can default auto power off or manual power off.
* It can default the measuring unit to °C or °F.
* Build in the input socket for DC 9V power adapter.
* Few panel buttons, easy operation.
* Built-in low battery indicator.
* Heavy duty & compact housing case.

### GENERAL SPECIFICATIONS

Circuit	Custom one-chip of microprocessor LSI circuit.
Display	LCD size : 44 mm x 29 mm dual function LCD display.
Display Unit	°C, °F.
Resolution	0.1 °C, 0.1 °F.
Channels	T1, T2, T1-T2, T1 only.
Thermocouple type	Type K or Type J.
Temperature Compensation	Automatic temp. compensation for the cold junction both type K/J thermometer
Linear Compensation	Linear Compensation for the full range.
Offset, Span Adjustment	Available for advanced calibration procedure.
Probe Input Socket	Standard 2 pin thermocouple socket.

Over Indication	Show " - - - - - ".
Data Hold	Freeze the display reading.
Memory Recall	Maximum & Minimum value.
Sampling Time of display	Approx. 1 second.
Power off	Auto shut off saves battery life or manual off by push button.
Operating Temperature	0 to 50 °C .
Operating Humidity	Less than 80% R.H.
Power Supply	006P DC 9V battery ( Alkaline or Heavy duty type ).
Power Current	Approx. DC 5.5 mA
Weight	196 g/0.43 LB.
Dimension	135x60x33 mm, ( 5.3x2.4x1.3 inch ).
Accessories Included	Instruction manual.....1 PC
Optional Accessories	Type K thermocouple probe. TP-01, TP-02A. TP-03, TP-04, TP-05.

### ELECTRICAL SPECIFICATIONS (23± 5 °C)

Sensor Type	Resolution	Range	Accuracy
Type K	0.1 °C	-50.0 to 1300.0 °C	± ( 0.4 % + 0.8 °C )
		-50.1 to -199.9 °C	± ( 0.4 % + 1 °C )
	0.1 °F	-58.0 to 2372.0 °F	± ( 0.4 % + 1.5 °F )
		-58.1 to -327.8 °F	± ( 0.4 % + 1.8 °F )
Type J	0.1 °C	-50.0 to 1100.0 °C	± ( 0.4 % + 0.8 °C )
		-50.1 to -199.9 °C	± ( 0.4 % + 1 °C )
	0.1 °F	-58.0 to 2012.0 °F	± ( 0.4 % + 1.5 °F )
		-58.1 to -327.8 °F	± ( 0.4 % + 1.8 °F )

\* Accuracy value is specified for the meter only.

\* Type K probe TP-01 TP-02A, TP-03. TP-04 , TP-05 are the optional type K Temp. probe.

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

1009-TM925E