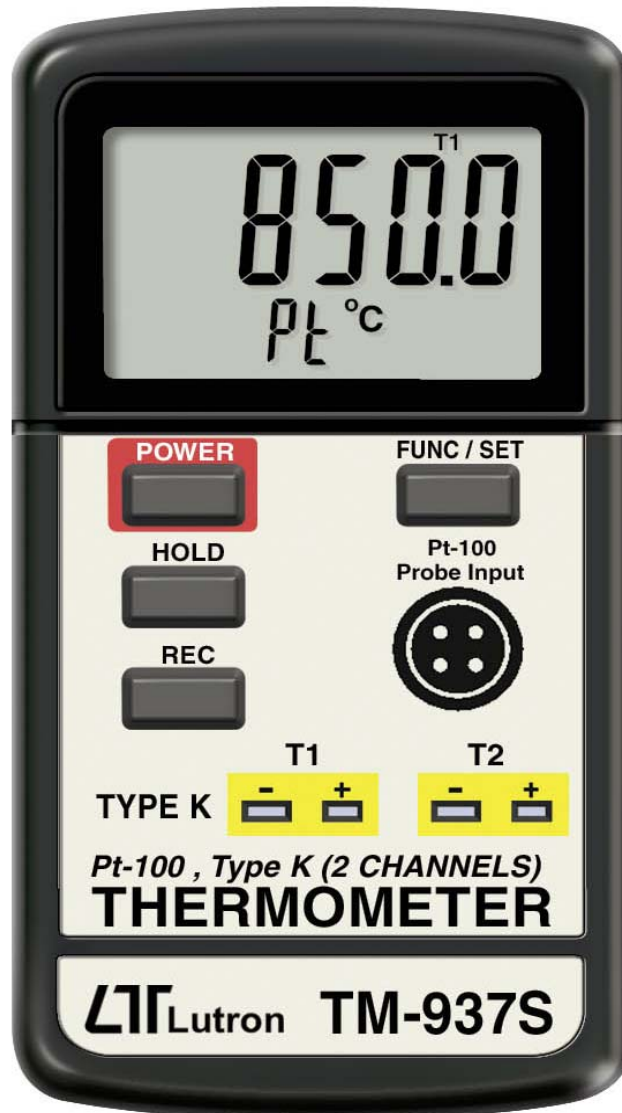


Pt 100 ohm, 2 ch. type K

THERMOMETER

Model : TM-937S

ISO-9001, CE, IEC1010



Lutron

LUTRON ELECTRONIC

The Art of Measurement

Pt 100 ohm, 2 channels type K

THERMOMETER

Model : TM-937S

FEATURES

* Two channels type K thermometer, T1, T2, T1-T2, T1 only.
* Pt 100 ohm Temp. measurement (single channel).
* Wide Temp. range measurement.
* °C/°F, 0.1 degree, 0.01 degree.
* Microcomputer circuit provides intelligent function and high accuracy.
* LCD with two display, easy readout.
* Records Maximum and Minimum readings with recall.
* Data hold function for freezing the desired value.
* Meter can default auto power off or manual power off.
* Meter 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	Type K	0.1 °C, 0.1 °F.
	pT 100 ohm	0.01 °C, 0.01 °F.
Channels	Type K	T1, T2, T1-T2, T1 only.
	pT 100 ohm	Single channel
Sensor type	Thermocouple type	Type K.
	Platinum PT 100 ohm	0.00385 alpha coefficient, meet DIN IEC 751
Temperature Compensation	Automatic temp. compensation for the cold junction for type K thermometer * Type K	
Linear Compensation	Linear Compensation for the full range.	
Offset, Span Adjustment	Available for advanced calibration procedure.	
Probe Input Socket	Pt 100 ohm probe : DIN 4 pin socket. Thermocouple couple probe : Standard 2 pin type K 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 * Pt 100 ohm Temp. probe, TP-100. * Carrying case, CA-52A.

ELECTRICAL SPECIFICATIONS (23±5 °C)

Type K thermmometer

Sensor Type	Reso- lution	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)

* Accuracy value is specified for the meter only.
* Type K probe TP-01 TP-02A, TP-03. TP-04 is the optional accessory.

Pt 100 ohm thermometer

Type	Reso- lution	Range	Accuracy
Platinum Pt	0.01 °C	-199.99 to 850 °C	± (0.4% + 0.5°C)
		100 ohm	0.01 °F

* Accuracy value is specified for the meter only.
* Pt 100 ohm Temp. probe , TP-100 is the optional optional accessory.

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