

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

TWO CHANNEL THERMOMETER

Model : TM-925

ISO-9001, CE, IEC1010

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02-2389-0101



- * T1, T2, T1-T2, Type K/J.
- * °C/°F,
0.1 degree/1 degree.
- * Type K : -100 to 1300 °C.
- * Type J : -100 to 1200 °C.
- * Data hold
- * Record (max., min.).
- * RS-232 interface
- * data logger.
- * DC 9V battery (006P)
or DC 9V adapter in.



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The Art of Measurement

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FEATURE

- * 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.
- * RS232 PC serial interface.
- * Few panel buttons, easy operation.
- * Built-in low battery indicator.
- * Heavy duty & compact housing case.

GENERAL SPECIFICATION

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.	
Sampling Time of Data Logger	Manual	Push the data logger button once will save data one time. * Set the sampling to 0 second.
	Auto	1, 2, 5, 10, 30, 60, 600, 1800, 3600 seconds.
Data Logger number	Max. 1,600-point Data logger	
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.	
Data Output	RS 232 PC serial interface.	
Operating Temperature	0 to 50 °C.	
Operating Humidity	Less than 80% R.H.	
Power Supply	006P DC 9V battery (Alkaline or Heavy duty type).	
	DC 9V adapter input. * AC/DC power adapter is optional.	
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	<ul style="list-style-type: none"> * Type K thermocouple probe. TP-01, TP-02A. TP-03, TP-04 * AC to DC 9V adapter. * RS232 cable, UPCB-02. * USB cable, USB-01 * Data Acquisition software, SW-U801-WIN. * Data Logger software, SW-DL2005. * Carrying case, CA-52A.

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 is the optional type K Temp. probe.

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

TM-925+0603

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