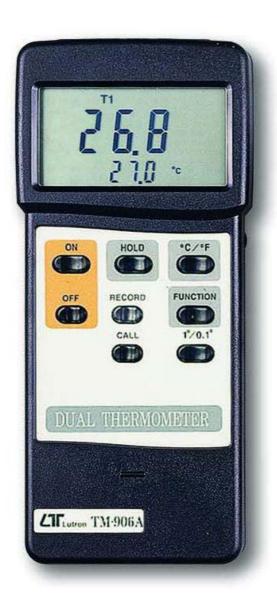
0.1 degree , T1, T2, T1-T2, RS232

## **DUAL THERMOMETER**

Model: TM-906A *ISO-9001, CE, IEC1010* 





## **DUAL THERMOMETER**

Model: TM-906A

FEATURES				
* Microprocessor circuit assures maximum	* RS 232 PC serial interface.			
possible accuracy, provides special functions	* Multi functions, dual channel temp. input,			
and features.	differential temp. measurement, °C/°F, 0.1/1			
* Super large LCD display with contrast	degree, data hold.			
adjustment for best viewing angle.	* Wide measuring range from -50 °C to 1230 °C.			
* Dual function meter's display.	* Meet any standard type K(NiCr-NiAl) probe.			
* Heavy duty & compact housing case.	* Fitted with standard type K thermocouple input			
* Records Maximum and Minimum readings	measuring socket.			
with RECALL.	* Build in temperature linearity & precision cold			
* Data hold.	junction compensation circuit, high accuracy.			
* Auto shut off saves battery life.	* Low battery indicator.			
* Operates from 006P DC 9V battery.				

GENERAL SPECIFICATIONS					
Circuit	Custom one-chip of micro-	Memory Recall	Records Maximum and		
	processor LSI circuit.		minimum readings with		
Display	* 13 mm(0.5") Super large LCD		RECALL.		
	display with contrast adjustment	Power off	Auto shut off saves battery life.		
	for best viewing angle.		or manual off by push button.		
	* Dual function meter's display.	Sampling Time	Approx. 0.8 to 1.0 second.		
Sensor Type	Thermocouple K(NiCr-NiAl).	Operating Temp.	0 °C to 50 °C (32 °F to 122 °F).		
Measurement	Two channel temp. input (T1,	Operating	Less than 80% R.H.		
	T2), differential temperature	Humidity			
	measurement(T1 -T2),	Power Supply	006P DC 9V battery.		
	°C/°F, 0.11 data hold.		(Heavy Duty Type)		
Range	- 50 ℃ to 1230 ℃,	Power Current	Approx. DC 6.2 mA.		
	- 50 °F to 1999 °F.	Weight	275 g/0.61 LB.		
Polarity	Automatic switching,	Dimension	180 x 72 x 32 mm.		
	'-' indicates negative polarity.		(7.1 x 2.8 x1.3 inch).		
Input	10 Mega ohm.		Instruction manual 1 PC		
Impedance					
Over input	Indication of "".	Optional	Temperature probe.		
indication		Accessories	Carrying case.		
Data Output	RS 232 PC serial interface.				

TEMP. RANGE RESOLUTION  -200 °C to 1370 °C  0.1 °C -199.9 °C to 199.9 °C    1 °C200 °C to 1370 °C  1 °C200 °C to 1370 °C  1 °F -328 °F to 2498 °F    1	ELECTRICAL SPECIFICATIONS (23± 5 °C)				
°F		TEMP. RANGE			
°F -328 °F to 2498 °F 0.1 °F -199.9 °F to 199.9 °F ± (0.75% + 2 °F) 1 °F -328 °F to 2498 °F ± (0.75% + 2 °F)		-200 °C to 1370 °C	0.1 °C   -199.9 °C to 199.9 °C	± (0.75% + 1°C)	
1 °F  -328 °F to 2498 °F	$^{\circ}\mathbb{C}$				
	°F	-328 °F to 2498 °F	0.1 °F  -199.9 °F to 199.9 °F	± (0.75% + 2°F)	
00 71 70 (0.750)			1 °F  -328 °F to 2498 °F		
$  C     11 - 12     \pm (0.75\% + 1\%)$	$^{\circ}\mathbb{C}$	T1 - T2		± (0.75% + 1°C)	
°F T1 - T2 ± (0.75% + 2°F)	°F	T1 - T2		± (0.75% + 2°F)	

<sup>\*</sup> The above accuracy specification applies only to the instrument itself and allowance must be made for limits of error permitted in thermocouple.

OPTIONAL TEMPERATURE PROBE & OTHER ACCESSORIES		
Thermocouple Probe	Measure Range: -40 $^{\circ}\mathrm{C}$ to 250 $^{\circ}\mathrm{C}$ , -40 $^{\circ}\mathrm{F}$ to 482 $^{\circ}\mathrm{F}$	
(Type K) TP-01	Max. short-term operating Temperature: 300 °C (572 °F).	
	It is an ultra fast response naked-bead thermocouple, suitable for	
	many general purpose application.	
Thermocouple Probe	Measure Range: -50 $^{\circ}$ C to 900 $^{\circ}$ C (-50 $^{\circ}$ F to 1650 $^{\circ}$ F).	
(Type K), TP-02A	Dimension: 10cm tube, 3.2mm Dia.	
Thermocouple Probe	Measure Range: -50 $^{\circ}$ C to 1200 $^{\circ}$ C (-50 $^{\circ}$ F to 2200 $^{\circ}$ F).	
(Type K), TP-03	Dimension: 10cm tube, 8mm Dia.	
Surface Probe	Measure Range: -50 $^{\circ}$ C to 400 $^{\circ}$ C (-50 $^{\circ}$ F to 752 $^{\circ}$ F).	
(Type K), TP-04	Size: Temp. sensing head - 15 mm Dia, Probe length - 120 mm.	

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