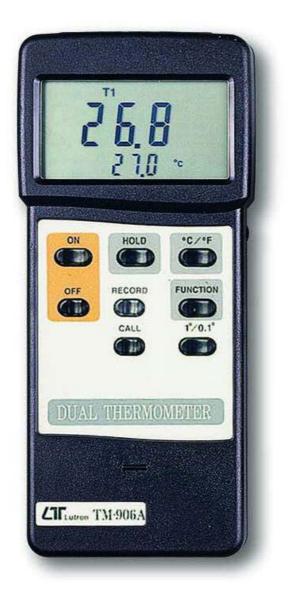
0.1 degree , T1, T2, T1-T2, RS232 **DUAL THERMOMETER** Model : TM-906A ISO-9001, CE, IEC1010





LUTRON ELECTRONIC

The Art of Measurement

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 $^{\circ}$ C to 1230 $^{\circ}$ 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 $^{\circ}$ C to 50 $^{\circ}$ C (32 $^{\circ}$ F		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.		
	$^{\circ}C/^{\circ}F$, 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.	Accessory included	Instruction manual 1 PC		
Impedance		Optional	Temperature probe., Carrying case		
Over input	Indication of "".	Accessories	* RS232 cable, UPCB-01		
indication			* USB cable, USB-01		
Data Output	RS 232 PC serial interface.		* Data Acquisition software,		
			SW-U801-WIN		

ELECTRICAL SPECIFICATIONS (23 \pm 5 °C)				
	TEMP. RANGE	RESOLUTION	ACCURACY	
	-200 ℃ to 1370 ℃	0.1 ℃ -199.9 ℃ to 199.9 ℃	± (0.75% + 1 °C)	
°C		1 °C200 °C to 1370 °C		
°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		
°C	T1 - T2		± (0.75% + 1 °C)	
°F	T1 - T2		± (0.75% + 2 °F)	

* 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 $^\circ\!\mathrm{F}$	
(Туре К) ТР-01	Max. short-term operating Temperature: 300 $^\circ\mathrm{C}$ (572 $^\circ\mathrm{F}$).	
	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).	
(Туре К), ТР-02А	Dimension: 10cm tube, 3.2mm Dia.	
Thermocouple Probe	Measure Range: -50 $^\circ$ C to 1200 $^\circ$ C (-50 $^\circ$ F to 2200 $^\circ$ F).	
(Туре К), ТР-03	Dimension: 10cm tube, 8mm Dia.	
Surface Probe	Measure Range: -50 $^{\circ}$ C to 400 $^{\circ}$ C (-50 $^{\circ}$ F to 752 $^{\circ}$ F).	
(Туре К), ТР-04	Size: Temp. sensing head - 15 mm Dia, Probe length - 120 mm.	

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