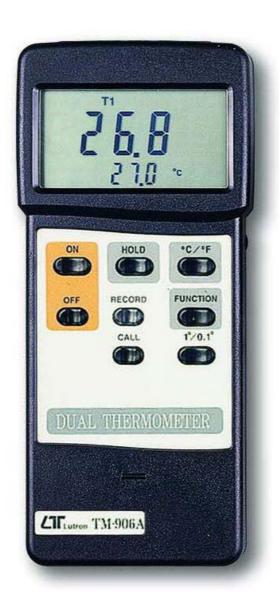
0.1 degree , T1, T2, T1-T2, RS232

DUAL THERMOMETER

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







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 °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.	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 $^{\circ}$ C)				
	TEMP. RANGE	RESOLUTION	ACCURACY	
	-200 °C to 1370 °C	0.1 °C -199.9 °C to 199.9 °C	± (0.75% + 1°C)	
$^{\circ}$ C		1 °C 200 °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		
$^{\circ}\mathbb{C}$	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 $^{\circ}\mathrm{F}$		
(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.		

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