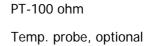
0.01 degree, Pt 100 ohm, High precision, RS232 PRECISION THERMOMETER

Model: TM-907A *ISO-9001, CE, IEC1010*











PRECISION 0.01 degree THERMOMETER

Model: TM-907A

FEATURES				
* Professional thermometer with high accuracy & 0.01	* Build in 0.01& 0.1select switch on the front panel.			
resolution.	* RS 232 computer serial interface.			
* PT 100 probe input cooperate with an 0.00385 alpha	* Super large LCD with unit display, easy readout.			
coefficient, meet DIN IEC 751.	* Data hold function to store the desired value.			
* Cooperate with 4 wires Pt-100 ohm probe,	* Memory function to record the maximum & minimum			
high precision.	reading with recall.			
* Wide range display from -199.99 to 850 $^{\circ}$ C.	* Built-in low battery indicator.			
* Build in °C & °F select button on the front panel.	* Optional carrying cases are available.			

GENERAL SPECIFICATIONS						
Display	62 mm x 34 mm supper large LCD	Power Supply	Heavy duty or Akaline type,			
	display, 13 mm (0.5") digit size.		DC 9V battery, 006P, MN1604 (PP3)			
Probe type	Platinum PT 100 ohm		or equivalent.			
	(0.00385 alpha coefficient, meet DIN IEC 751)	Power	Approx. DC 15 mA.			
Functions	°C, °F, 0.010.1 Data hold.	Consumption				
Resolution	0.01°C/0.1°C, 0.02°F/0.1°F.	Operating	0 to 50 °C (32 to 122 °F).			
Circuit	Use the software to make linearity	Temperature				
	correction instead the traditional	Operating	Less than 80% RH.			
	hardware circuit.	Humidity				
Probe input	DIN 4 pin socket.	Meter Size	180x72x32 mm (7.1x2.8x1.3 inch).			
socket		Meter Weight	285 g/0.62 LB.			
Sampling Time	Approx. 0.4 second.	Standard	Operational manual 1 PC.			
Hold Function	To freeze the display reading value.	Accessory				
Memory Recall	Memorize the Maximum, Minimum	Optional	Carrying case			
	reading with recall.	Accessories	Pt-100 ohm Temp. probe, TP-100			
Over Indication	Show " ".		RS232 cable, UPCB-01			
Data Output	RS232 PC serial interface.		USB cable, USB-01			
			Application software			
			Data acquisition software. SW-U801-WIN			

ELECTRICAL SPECIFICATIONS (23±5 °C)					
Туре	Resolution	Range	Accuracy	Remark	
$^{\circ}\!\mathbb{C}$	0.01 ℃	-199.99 to 199.99 ℃	± (0.1 % + 0.2 °C)		
	0.1 ℃	200.0 to 850.0 ℃		* The accuracy is specified for	
°F	0.01 °F	-199.99 to 392.00 °F	± (0.1 % + 0.4 °F)	the meter only.	
	0.1 °F	392.0 to 1562.0 °F			

OF	PTIONAL TEMPERATURE PROBE & OTHER ACCESSORIES
Carrying Case	Model: CA-03, Vinyl soft carrying case, size: 190 x 90 x 55 mm.
Carrying Case	Model: CA-05A, Soft carrying case with sash, 260 x 110 x 55 mm.
Carrying Case	Model: CA-06, Hard carrying case, 280 x 195 x 65 mm.
Pt-100 ohm Probe	* -50 $^\circ$ C to 400 $^\circ$ C (-58 $^\circ$ F to 752 $^\circ$ F), DIN plug, 4 pins/4 wires, Class A, Cooperate
Model: TP-100	with an 0.00385 alpha coefficient, meet DIN IEC 751.
	Accuracy: (0.15 + (0.002 x T))C. T: measuring temperature.
	* Dimension Sensing head - 152 mm tube, Probe length - 245 mm.
	* Cable length: 100 cm.
RS232 cable	RS232 cable for connecting between the meter & the computer (COM port)
	Model: UPCB-01
USB cable	USB cable for connecting between the meter & the computer (USB port)
	Model: USB-01
Software	Model: SW-U801-WIN, Windows version.
	* Software apply as the performance of data logging system & data recorder

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