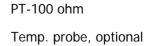
## 0.01 degree, Pt 100 ohm, High precision, RS232 PRECISION THERMOMETER

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 $^{\circ}\mathrm{C}$ .	* Built-in low battery indicator.			
* Build in $^{\circ}\mathbb{C}$ & $^{\circ}\mathbb{F}$ select button on the front panel.	* Optional carrying cases are available.			

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

ELECTRICAL SPECIFICATIONS (23±5 ℃)						
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		_		

(	OPTIONAL 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	

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