0.01 degree, Pt100 ohm, High precision, RS232 PRECISION THERMOMETER

Model: TM-907A

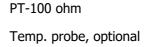
ISO-9001, CE, IEC1010

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The Art of Measurement

PRECISION 0.01 degree THERMOMETER

Model: TM-907A

0.01 °F

0.1 °F

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 SPE	CIFICATIONS	5	
Display	display, 13 mn	m supper large LCD n (0.5") digit size.	Power Supply	DC 9V	duty or Akaline type, battery, 006P, MN1604 (PP3)
Probe type	Platinum PT 10 (0.00385 alpha co	JO ohm efficient, meet DIN IEC 751)	Power	or equi	valent. . DC 15 mA.
Functions	°C, °F, 0.010.1	Data hold.	Consumption		
Resolution	0.01℃/0.1℃,	0.02°F/0.1°F.	Operating	0 to 50 $^{\circ}\mathrm{C}$ (32 to 122 $^{\circ}\mathrm{F}$).	
Circuit	Use the software to make linearity correction instead the traditional hardware circuit.		Temperature		
			Operating Humidity	Less than 80% RH.	
Probe input	DIN 4 pin socket.		Meter Size	180x72x32 mm(7.1x2.8x1.3 inch).	
socket			Meter Weight	285 g/0	D.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 reading with recall.		Optional Accessories	Carrying case Pt-100 ohm Temp. probe, TP-100	
Over Indication	Show " ".			RS232 cable, UPCB-01 USB cable, USB-01 Application software Data acquisition software. SW-U801-WIN	
Data Output	RS232 PC serial interface.				
	E	LECTRICAL SPECIF	CATIONS (23	3± 5 °C ∑	
Туре	Resolution	Range	Accuracy		Remark
$^{\circ}$ C	0.01 ℃	-199.99 to 199.99 ℃	± (0.1 % + 0	0.2 ℃)	
	0.1 ℃	200.0 to 850.0 °C			* The accuracy is specified for

	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 $^{\circ}\mathrm{C}$ to 400 $^{\circ}\mathrm{C}$ (-58 $^{\circ}\mathrm{F}$ to 752 $^{\circ}\mathrm{F}$), 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

-199.99 to 392.00 $^{\circ}\mathrm{F}$ \pm (0.1 % + 0.4 $^{\circ}\mathrm{F}$)

392.0 to 1562.0 $^{\circ}\mathrm{F}$

TM907A+1012

the meter only.

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