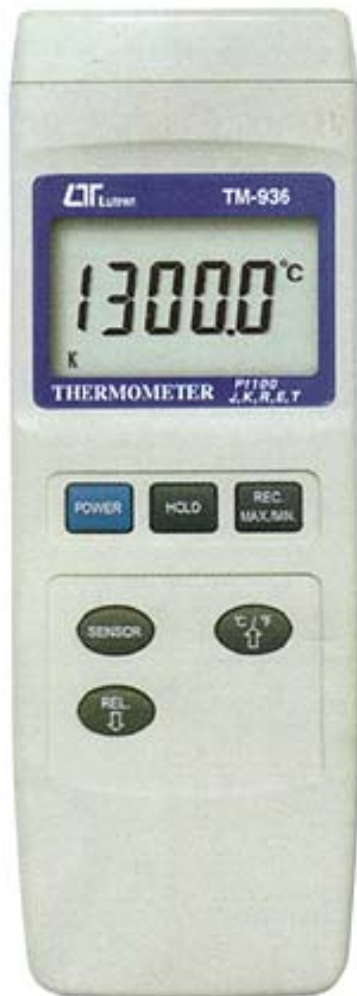


TM-936

2 IN 1 THERMOMETER WITH RS-232



- **2 in 1 professional thermometer:**
Pt 100 ohm + thermocouple (Type K/J/R/E/T)
- **Microcomputer circuit** with high performance
- **Wide measuring range:** from -200°C to +1700°C
- **Built-in °C/°F select button** on the front panel
- **0.1 degree resolution** for Pt 100 ohm & type K/J/T/E
- **Data hold function** for stored the desired value on display
- **Memory function** to record the maximum & minimum reading with recall
- **Sensor select button** on the front panel, easy to change different type probe
- **Built-in REL button**, useful for relative measurement
- **Thermocouple probe** accept 5 different types: type K, type J, type R, type T, type E
- **PT-100 probe input cooperate with** an 0.00385 alpha coefficient, meet DIN IEC 751
- **Cooperate with 4 wires Pt 100 ohm probe**, high precision
- **RS-232 data output**, easy cooperate with computer
- **Optional data acquisition software** for data record

- **Auto power shut off** saves battery life
- **Built-in** low battery indicator
- **Heavy duty** & compact housing case with stand
- **Supplied with** operating manual

SPECIFICATIONS

Display:	51 x 32 mm super large LCD display, 15 mm (0.6") digit size
Probe type:	Platinum Pt 100 ohm (0.00385 alpha coefficient) Termocouple type K Termocouple type J Termocouple type R Termocouple type T Termocouple type E
Functions:	°C, °F, Data Hold, Memory (max., min.), Relative measurement
Resolution:	0.1° or 1°
Circuit:	Exclusive microcomputer circuit, the software built-in linearity correction instead the traditional hardware circuit
Sampling time:	approx. 1 second

Memory recall:	Memorize the maximum, minimum reading with recall	
Hold function:	To freeze the display reading value	
Over indication:	Show "----"	
Probe input socket:	Pt 100 ohm probe:	DIN type 4 pin socket
	Termocouple:	Standard 2 pin type K
Data output:	RS-232 PC serial interface	
Power supply:	DC 9V battery, 006P, MN1604 (PP3) or equivalent	
Power consumption:	approx. DC 11 mA	
Operating temperature:	0 ~ 50°C (32 ~ 122°F)	
Operating humidity:	less than 80% RH	
Size:	200 x 68 x 30 mm (7.9 x 2.7 x 1.2 inch)	
Weight:	220 gr. (0.48 LB)	

RANGE / RESOLUTION		
Type	Resolution	Range
Platinum Pt 100 ohm	0.1°C	-200.0 ~ 850.0°C
	0.1°F	-328.0 ~ 1562.0°F
Termocouple type K	0.1°C	-100.0 ~ 1300.0°C
	0.1°F	-148.0 ~ 2372.0°F
Termocouple type J	0.1°C	-100.0 ~ 1150.0°C
	0.1°F	-148.0 ~ 2102.0°F
Termocouple type T	0.1°C	-100.0 ~ 400.0°C
	0.1°F	-148.0 ~ 752.0°F
Termocouple type E	0.1°C	-100.0°C ~ 900.0°C
	0.1°F	-148.0 ~ 1652.0°F
Termocouple type R	1°C	0 ~ 1700°C
	1°F	32 ~ 3092°F