

TM-80N Single Input K / J Type Thermometer



Protection Holster (optional accessory)

Display :

- 5 digits LCD, dual display.

Functions :

- Single input (TM-80N), dual input (TM-82N).
- Auto power off with disable function (15 minutes).
- Function keys : MAX, MIN, AVG, HOLD, °C / °F, REL, OFFSET, T1-T2 (TM-82N)

Specifications :

- **Dimension :** 130x 56x38mm. (LxWxH)
- **Weight :** About 170g. (including battery)

Temperature unit	°C or °F optional
Temperature range	K type : -200 C~1370°C (-328 F~2498 °F) J type : -200 C~1050°C (-328 F~1922 °F)
Display resolution	0.1°C (0.2°F)
Accuracy	±(0.05% +0.7°C) ±(0.05% +1.4°F)
Input protection	Maximum voltage of temperature input is 24 DC or AC
Temperature coefficient	0.01% of reading +0.03 °C per °C (0.01% of reading +0.06 °F per °F) when circumstance out of the specified range of 18 °C~28 °C (64 °F~ 82 °F)

TM-82N Dual Input K / J Type Thermometer

Power supply :

- Battery type : 9V battery NEDA 1604, IEC 6F22, JIS 006P x1 PCS.

Specifications :

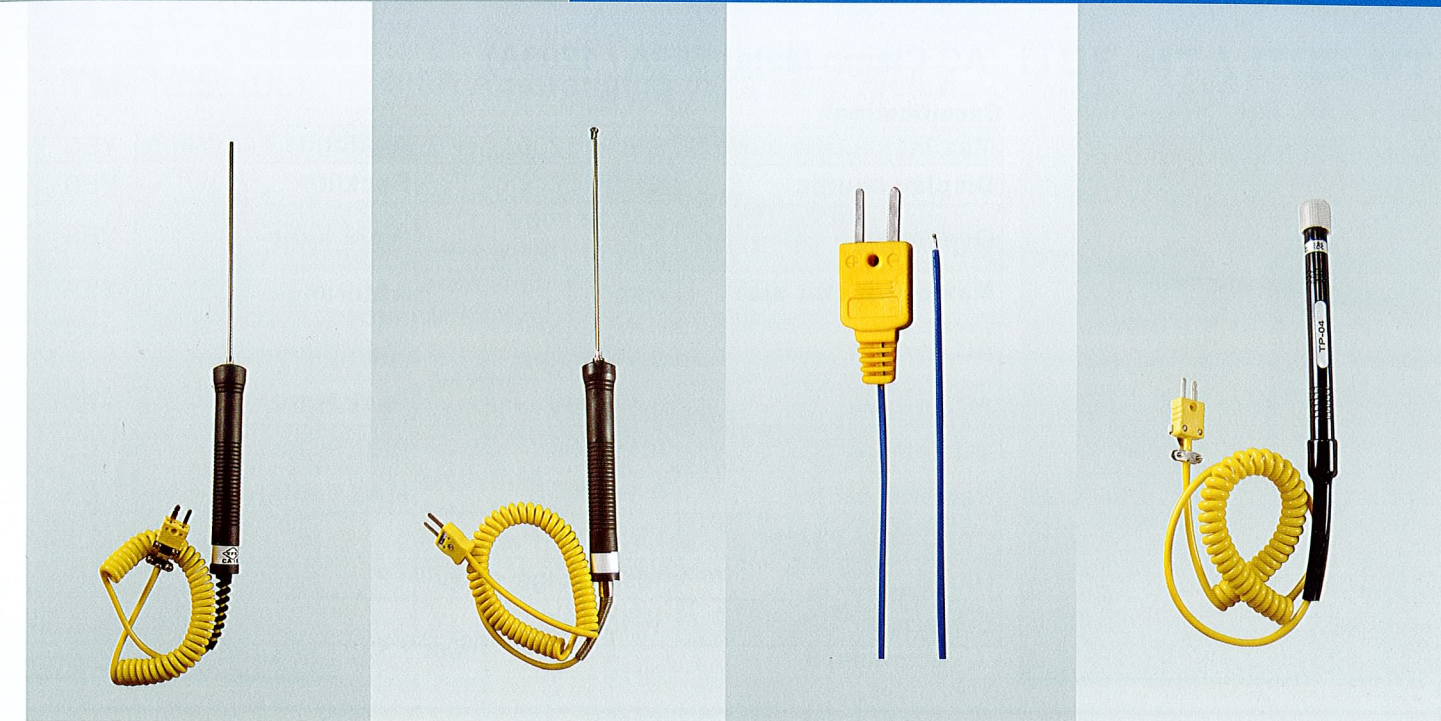
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TM-82N



Protection Holster (optional accessory)



Specification of thermocouple (optional accessories)

ITEM \ TYPE	TP-01	TP-02	TP-03	TP-04
Thermocouple material	Chromel-alumel alloyed thermocouple (Ni-Cr vs Ni-Al)			
Contact type	Insulation type	Ground type	Exposed type	Ground type
Accuracy classification	JIS C 1602 classification 0.75			
Sheath size (mm)	3.2Ø x 150	10Ø x 150	Bead	15Ø x 100
Max. temperature	1292°F / 700°C		392°F / 200°C	
Min. temperature	-58°F / -50°C			
Compensating lead-wire	(-20~90°C) 1M approx.		1M approx. (-20~90°C) 1M approx.	
Handhold	Max. allowable heat 150°C Size: 12Ø x 100mm		Max. allowable heat 150°C Size: 12Ø x 90mm	
Application	Available for liquid or gel	Available for front or plate	Available for complex or any place hard to enter	Available for precise surface

*TP-03 is a K type thermocouple isolated by TEFLON.
Max. insulation temp. is 260°C, accuracy is ±2.2°C or ±0.75% (0°C ~200°C)