

Quick measuring. Shorten your routine.

TIP THERMOMETER **TM-100**



One-push sensor exchange



Accurate temperature-measuring, long-life sensor

Corresponding to wide temperature range 0-700°C (1292°F), as is necessary for soldering work. The tolerance stays in the range of $\pm 0.5\%$ of the full scale(excluding sensor error). The sensor's structure makes easy tip placing. It achieves stable & accurate measuring within seconds, regardless of shape, or angle of tip. Easily replaceable sensor.

***0-700°C is the range with (optional) sensor probe TM-100SP. With the standard sensor TM-100S, measurable 0-500°C(932°F).**

Economical long-life temperature sensor

Good for over 200 uses. An average use is roughly 3 seconds at 350°C (662°F).

Sensor-life Counter Alarm to Estimate Operating-life (PAT.)

Counts in units of 3-seconds of use at temperature 350°C(662°F). The alarm lamp will blink when the counter exceeds the set number of counts.

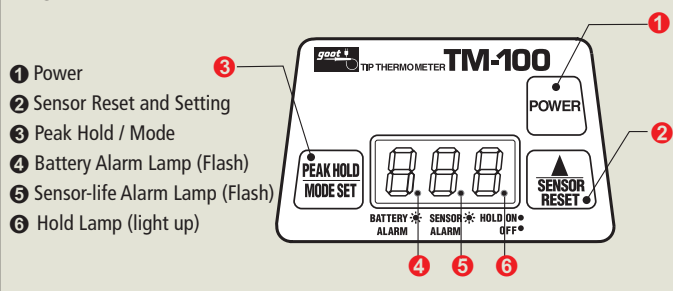
Peak-Hold Function

Retains display of the peak level of temperature change (setting/unsetting 1-push).

Auto-Power OFF function

Automatically powers off (at pre-set period) when no temperature change of 100 degrees or more is measured after device is switched on.

FRONT PANEL



Model	TM-100
Item	Tip Thermometer
Power Supply	AA battery LR6 x 4pcs : 6V
Dimension	83(W) x 41 (H) x 140(D)mm
Weight	150g (w/o battery)
Temperature Resolutions	1°C (1°F)
Ranges	Sensor TM-100S : 0-500°C (32-932°F) Sensor Probe TM-100SP : 0-700°C (32-1292°F)
Accuracy (w/o sensor error)	0-500°C (32-932°F) : $\pm 3^{\circ}\text{C}$ ($\pm 37^{\circ}\text{F}$) 501-700°C (934-1292°F) : $\pm 4^{\circ}\text{C}$ ($\pm 39^{\circ}\text{F}$)
Operating Environment	0-50°C, 20-85%RH (no condensation)
Accessories	TM-100S (3pcs.), AA battery LR6 (4pcs.)

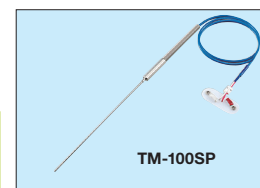
■ Replacement Parts / Options

☑ Sensor TM-100S (3pcs.)

☑ Sensor Probe TM-100SP (for solder pot)

CALIBRATION SERVICES

- Test Certificate
- Calibration Certificate,
- Traceability Chart



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