

# SOLDERING TESTER / TIP THERMOMETER

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TIP THERMOMETER



**Quick measuring. Shorten your routine.**



### TIP THERMOMETER **TM-100**

JCSS inspection calibration is available as an option (for fee) in addition to manufacturer calibration (for fee). JCSS Calibration Compliant Content: Complies with the requirements of ISO/IEC 17025, ISO 9000s, IATF 16949, etc. Can issue a calibration certificate with JCSS-certified symbol for international MRA.

\*Measurement of earth resistance is not certified by JCSS calibration.



Wide temperature range \*0-700°C (1292°F), as is necessary for soldering work. The tolerance stays in the range of ±0.5% of the full scale (excluding sensor error). The sensor's structure makes for 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).**

**Compact sensor for hard-to-reach places.**

**⚠️ TM-100 or TM-200 is required for TM-100SU to measure tip temperatures. TM-100SU cannot be used alone. TM-100S sensors sold separately.**

### SENSOR UNIT **TM-100SU**



Model	TM-100SU
Dimensions	64 (W) x 28 (H) x 100 (D) (w/o cord)
Weight	210 g
Cord Length	ø4x1.5 m
Compatible Models	TM-100, TM-200

**LONG-LIFE TEMPERATURE SENSOR (PAT.P)**  
Good for over 200 uses

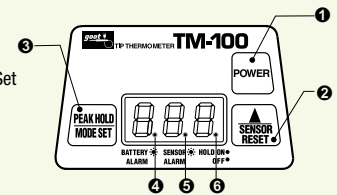
**PEAK-HOLD FUNCTION**  
Retains display of the temperature change

**SENSOR-LIFE COUNTER ALARM (PAT.P)**  
to estimate operating-life

**AUTO-POWER OFF**  
Automatically powers off at pre-set period

#### ■ Key Pad

- ① Power Switch
- ② Sensor Reset
- ③ Peak Hold/Mode Set
- ④ Battery Alarm
- ⑤ Sensor Alarm
- ⑥ Hold ON/OFF



#### SPECIFICATIONS

Model	TM-100	
Voltage	AA battery LR6 x 4 pcs : 6 V	
Dimensions	83 (W) x 140 (H) x 41 (D) mm	
Weight	150 g (w/o battery)	
Temperature	Resolution	1°C
	Measuring Range	Sensor TM-100S: 0-500°C (32-932°F) Probe TM-100SP: 0-700°C (32-1,292°F)
	Accuracy	0-500°C : ±3°C 501-700°C : ±4°C
Operating Environment	0-40°C, 20-85%RH (no condensation)	
Accessories	Sensor 3 pcs AA battery LR6 x 4pcs	

Calibration certificate not included with product. Please request with order. (Paid service.)

#### REPLACEMENT PARTS / OPTIONS

Sensor (3pcs.)

**TM-100S**

Sensor Probe (1pc.)

**TM-100SP**

TM-100 Calibration Services

**TM-100KOUSEI**

TM-100 JCSS Calibration Service (with Certificate)

**TM-100KOUSEI-JCSS**

