

**HAKKO FG-100B**  
THERMOMETER

NEW

***Automatic measurement to  
standardize the process*****Automatic  
temperature  
measurement**

can minimize  
individual differences in  
measuring temperature.

**Fine sensor**

can deliver accurate  
measurements.

**Measurement  
counter**

can be useful for  
control of  
changing sensor.

# Minimize individual differences in how to complete measurement and read result.



## 1 | AUTO HOLD Function

The measurement will end automatically when tip temperature is stabilized.  
The measurement process will be the same no matter who does it.

\* Image photo on the left  
AUTO HOLD function and MAX HOLD function cannot be used at the same time.

## 2 | MAX HOLD Function

Max measured tip temperature will be displayed.  
This function can be useful for quality control of components and P.W.B.

## Temperature Sending Function

Measurement result by AUTO HOLD function or MAX HOLD function can be sent to a soldering station (coming soon) through infrared. This function can eliminate manual process of recording results, the time for the process, and human error.

## 3 | Temperature Measurement Count Function

Number of tip temperature measurement will be automatically counted. This function can be useful for control of changing sensor.

## 4 | Auto Shutoff Function

The power will automatically be shut off after 3 minutes of no use. It can save battery power and time for changing battery.

### Packing List



Unit, 006P 9 V dry battery (for trial), Sensor (qty 10), Instruction manual

\* Pre-calibrated product comes with a calibration certificate, test result report, and traceability matrix. Sensors also come with calibration certificates.

### Option

Several ways of measurement can be possible with temperature probes. For details, please visit our website.



For soldering pot  
No. **A1310**



For hot air station  
No. **C1541**

### Specifications

Model No.	FG-100B
Power supply	006P 9 V dry battery (alkaline cell recommended)
Temperature resolution	1°C
Temperature measurement range	0 to 700°C
Temperature precision	±3°C (300 to 600°C) ±5°C (other than above)
Temperature sensor*	K (CA) type thermocouple
Display	LCD: 3 1/2 digits
Operating environment	0 to 40°C, 20 to 90%RH (without condensation)
Environmental conditions	Applicable rated pollution degree 2 (according to IEC/UL 61010-1)
Dimensions**	68 (W) × 140 (H) × 38 (D) mm
Weight***	125 g

\* The temperature sensor (No.191-212 or No.191-212C) can only be used to measure temperatures below 500°C. To measure higher temperatures, use an applicable temperature probe.

\*\* Excluding protrusions

\*\*\* Without battery

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