

HAKOFG-101B

For the daily maintenance of soldering station

Soldering iron tester for measurement of tip temperature, leak voltage, and tip to ground resistance



Measurement result can be sent to IoT capable soldering station, such as FN-1010, and be recorded automatically.

Human errors in manual recording can be eliminated.



■Human error-free

The measurement will end automatically when the displayed tip temperature is stabilized. Individual differences in temperature measurement can be minimized.

Long life sensor (AS5000)

Lasts 30 times longer than a conventional sensor *Based on our in-house test



Control of "tip temperature", "leak voltage", and "tip to ground resistance" is required for a grounded soldering station for electronic components.

Leak voltage

Indication of level of electric current that leaks from tip to PWB or device

Tip to ground resistance

The resistance between tip and the outlet ground terminal

One-button operation for mode switching on FG-101B makes measurement easy and secure.





Replacement Part Name Part No. Sensor/lead-free with cert conformance AS5000

Option

Adapter module

By connecting FG-101B and IoT capable soldering station, such as FN-1010, with adapter module, data transfer can be easy and smooth.

For more details, please visit website.



Part No. C5055

Temperature probe

Use of a temperature probe makes it possible to measure the temperature of molten solder in a solder pot and hot air.

For soldering pot





Part No. A1310

For hot air station





Packing List



Unit, Conduction wire, Ground clip, Multi-adapter*, European adapter*, Fuse, Power cord, Sensor, Instruction manual

*May not be included depending on the specifications

Specifications	
Model No.	FG-101B
Power consumption	3.2 W (100V), 3.6 W (100-110V) 3.2 W (120V), 3.6 W (220-240V)
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
Voltage resolution	0.1 mV
Voltage measurement range	0 to 40 mV (AC)
Voltage precision	± (5% of reading + 1 digit)
Resistance resolution	0.1 Ω
Resistance measurement range	0 to 40 Ω
Resistance precision	± (5% of reading + 1 digit)
Disp l ay	LCD: 3 1/2 digits
Operating environment	0 to 40°C, max. 80%RH (without condensation)
Environmental conditions	Applicable rated pollution degree 2 (According to IEC/UL61010-1)
Dimensions	211(W) × 53(H) × 126(D)mm
Weight	0.95 kg

*The Temperature sensors can only be used to measure temperatures below 500°C. To measure higher temperatures, use an appropriate temperature probe.

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