HAKKO FG-101B
SOLDERING TESTER

For the daily maintenance of soldering station

NEW

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

■Human error-free

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.

NEW
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

For hot air station

Part No. A1310

Part No. C1541

■ 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)
Display	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.