

HAKKO FG-101


SOLDERING TESTER

LEAD FREE



- Tip temperature, leak voltage and ground resistance of soldering irons can be measured.
- Soldering irons can be controlled based on the MIL-HDBK-263B standard.
- Soldering irons can be controlled based on the IPC J-STD.
- MAX HOLD function.
- Leak voltage and ground resistance can be easily measured.

Specifications

Temperature	Resolution	1°C
	Measurement Range	0-700°C ¹⁾
	Precision	±3°C (between 300 and 600°C) ±5°C (other than above)
Voltage	Sensor	K (CA) type thermocouple
	Resolution	0.1mV
	Measurement Range	0 to 40mV (AC)
Resistance	Precision	±(5% of reading +1 digit)
	Resolution	0.1Ω
	Measurement Range	0 to 40Ω
Display	Precision	±(5% of reading +1 digit)
	LCD	3 1/2 digits
	Over Range ²⁾ Burnout ³⁾ MAX HOLD	 Shown as "MAX HOLD" in the lower right on the display
Power Consumption	100V-2.3W, 110V-2.5W, 120V-2.3W, 220V-2.2W, 230V-2.4W, 240V-2.6W	
Dimensions	200(W) x 50(H) x 120(D)mm	
Weight	1kg	
Ambient Temperature/ Humidity Range	0 - 40°C, 20 - 90%RH (Non condensing)	
Environmental Condition	Applicable rated pollution degree 2 (According to IEC/UL61010-1)	

¹⁾ Temperature sensor (No. 191-212) can only be used to measure temperatures below 500°C. To measure higher temperatures, use an applicable temperature probe.

²⁾ An Over Range alarm occurs during temperature measurement when the temperature sensor is not attached, and during voltage and resistance measurement when the tip is not in contact with the conduction plate.

³⁾ When a sensor burns out, the same alarm symbol as the one for Over Range alarm is also displayed. If this alarm occurs, replace the sensor.

Packing List

Model Name	Contents	
HAKKO FG-101	Soldering tester	1
	Fuse	1
	Conduction wire	1
	Multi-adaptor	1
	Ground clip	1
	Power cord	1
	Sensor	10

Replacement Parts

Part No.	Name/Description
191-212	Sensor/10 pcs

Optional Parts

Part No.	Name/Description
A1310	Temperature probe/ Total length 1.2m
C1220	Temperature probe/ Total length 1.1m



No.A1310

For measuring the temperature of solder in pots.



No.C1220

For measuring the temperature of automatic solder machine.