

HAKKO FG-100



Take Temperature Control for Soldering Iron



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Features

Surely and easily Temperature control

- Suitable for Lead-Free Solder
 - Good temperature response using a fine CA wire sensor ($\phi 0.2\text{mm}$)
 - Disposable sensor always maintains accurate temperature measurement (Replace sensor when the measuring point underwent degradation)
 - Sensor has the twice service life than conventional ones.
- Dimensional Measurement
 - Allows you to measure from any desired direction according to tip shape
- Auto Shut-Off Function
 - If no measurement operation is performed within 3 minutes, the power will be automatically shut off.
- MAX HOLD Function
 - When the button "MAX HOLD" is pressed, "MAX HOLD" will be displayed and the highest temperature of Iron will be held in the display.



"MAX HOLD" is displayed

- Easy-to-read temperature
 - Large and clear display
 - Digital temperature display make to read it accurately
- Compact Size
 - Convenient to carry and saves your workspace


Packing List

Part No.	Packing List
FG100	Main body FG-100, 006P 9V Manganese dry battery, Instruction manual, Sensor (10 pcs/set) 191-212


Specifications

Celsius type

Fahrenheit type

Model name	HAKKO FG-100	
Resolution	1°C	1°F
Temperature measurement range	0~700°C ^{*1}	32~1300°F ^{*1}
Applicable sensor	K (CA) type thermocouple	
Measurement tolerance	±3°C (between 300 and 600°C) ±5°C(Other than above)	±6°F (between 572 and 1112°F) ±10°F(Other than above)
Display	Besides measured temperatures, display indications include the following: 	
Power supply	006P 9V dry battery (alkaline cell recommended)	
Outline dimensions	68 (W) x 140 (H) x 38 (D) mm (excluding protrusions)	
Weight	115 g (excluding battery)	
Ambient temperature/ humidity range	0 - 40°C, 20 - 90%RH, without condensation	
Environmental Condition	Applicable rated pollution degree 2 (According to IEC/UL61010-1)	

^{*1} Temperature sensor (191-212) can only be used to measure temperatures below 500°C (932°F). To measure higher temperatures, use an applicable temperature probe(see "5. REPLACEMENT PARTS AND OPTIONS").

^{*2} When  appears, be sure to replace the battery. Failure to do so will result in incorrect temperature measurements.

^{*3} This alarm indicates a sensor burnout. If this alarm occurs, replace the sensor.

Replacement Part

Part No.	Part Name	Description
191-212	Sensor	CA wire sensor for lead-free solder/ 10pcs.

Options

Part No.	Part Name	Description
A1310	Temperature probe	For soldering pot
C1220	Temperature probe	For automatic