

Key Features of the Hakko FX-971

- The FX-971 is the worthy successor to the very popular FX-951
- The FX-951 will be available until September 2023 and then it will be discontinued
- The FX-971 has a power consumption of 95Watt (with the standard hand piece)
- The extended thermal performance can cover a wider variety of soldering applications
- PC Software interface, Automatic calibration/off-set function is available by using FG-100B or FG-101B



Hand Pieces Tips & Holders .

Standard Iron FX9701

Tips T39

Iron Holder FH215-81

N2 Iron FX9702

Tips T39

Iron Holder FH215-81

Micro Iron FX9703

Tips T50

Iron Holder FH215-811

N2 Micro Iron FX9704

Tips T50

Iron Holder FH215-811

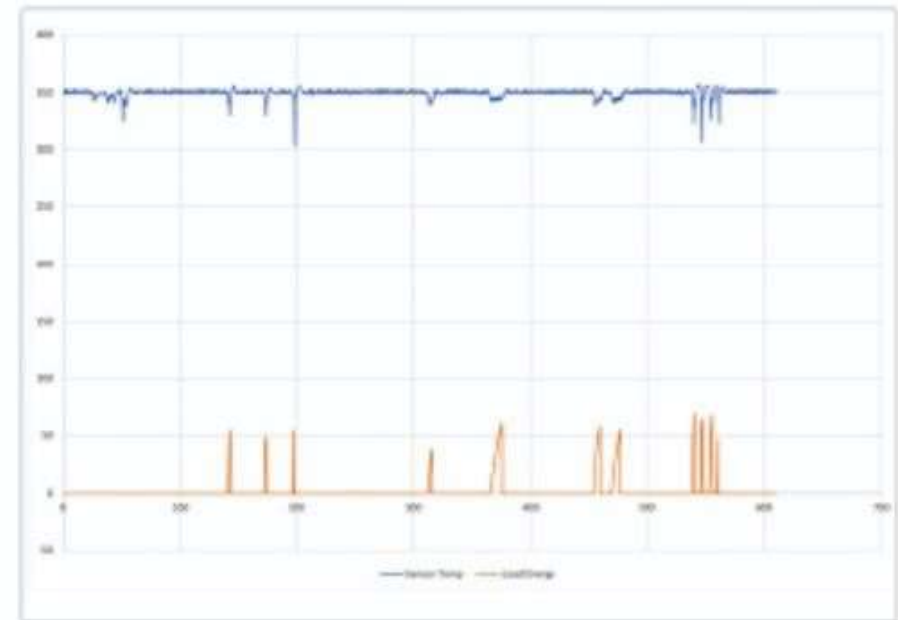
<https://www.hakko.com/english/products/news/detail.php?seq=139>



Other Features of FX-971

- The tip temperature variation in the soldering process appears on the software if connecting the FX-971 to a PC.
- The parameter settings are editable from the PC.

Start Time	Time	Sensor Temp	Load Energy
	141.05	350	0
	141.225	349	2
	141.4	346	5
	141.575	344	9
	141.75	340	15
	141.925	340	23
	142.1	339	33
	142.275	337	42
	142.45	334	47
	142.625	331	48
	142.8	330	47
	142.975	339	53
	143.15	344	55
	143.325	343	54
	143.5	343	0



* Image is for illustration purposes.

Features of FX-971

- Automatic calibration/off-set function is available by using the FG-100B or FG-101B.

1. Input



2. Automatic calibration/off -set



3. Automatic Recording



Infrared



USB cable



Comparison

	FX-971	FX-951
Wattage	95W	70W
Features		
PC Software	●	—
*Automatic calibration / off-set	●	—
Easy tip replacement	●	—

* Requires FG-100B or FG-101B.

Specifications



✕ Soldering tip

Series	T39
Type	67 Types

✕ Iron Holder



Part No.	FH215-81
----------	----------





Specification

Brand	HAKKO
Model No.	FX-971
	
Power consumption	100 W
Plug shape	3 core & American plug
Temperature range	50 to 450°C (400 to 850°F)
Temperature stability	±3°C (F±5°F) at idle temperature

Station	
Output voltage	AC 24 V
Dimensions(W×H×D)mm	With angle 93 (W) × 126(H) × 133 (D) mm Without angle 93 (W) × 126(H) × 123 (D) mm
Weight (kg)	1.2 kg

Soldering iron		
Model No.	FX9701-81	FX9702-81
		
Power consumption	95 W (24 V)	95 W (24 V)
Tip to ground resistance	<2 Ω	<2 Ω
Tip/Nozzle to ground potential	<2 mV	<2 mV
Heating element	Composite heater	Composite heater
Cord length (m)	1.2 m	1.2 m
Total length (mm)	206 mm (w/ 2.4D tip)	227 mm (w/ 2.4D tip)
Weight (g)	31 g (w/ 2.4D tip)	49 g (w/ 2.4D tip, Nozzle Assembly<D>)

Specification

Brand	HAKKO	
Model No.	FX9703-81/FX9703-811 Conversion Kit Micro soldering iron	FX9704-81/FX9704-811 Conversion Kit N2 Micro soldering iron
		
Power consumption	70 W (24 V)	70 W (24 V)
Temperature range (°C)	50 to 450°C (400 to 850°F)	50 to 450°C (400 to 850°F)
Tip to ground resistance	<2 Ω	<2 Ω
Tip/Nozzle to ground potential	<2 mV	<2 mV
Heating element	Composite heater	Composite heater
Cord length (m)	1.2 m	1.2 m
Total length (mm)	174 mm (w/ 1D tip)	196 mm (w/ 1D tip)
Weight (g)	15 g (w/ 1D tip)	35 g (w/ 1D tip, Nozzle Assembly<A>)

* Total length and weight (w/o cord, hose)

Soldering tip

Series	T50 Series
Type	8 Types

Iron Holder

Part No.	FH215-811
	