

# HAKKO FX-951 ESD SAFE



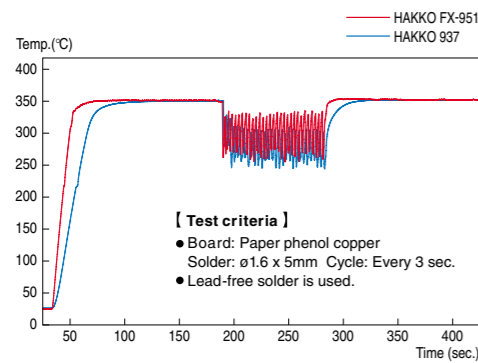
- Excellent thermal recovery **Digital type**
- Suitable for various kinds of applications from touch up to heavy duty application.
- Informs you of errors via a warning buzzer or display.
- "Control Card" can lock the temperature settings.
- Quick and easy offsetting of tip temperature by the digital offset function.
- Low temperature alarm function is provided.
- Sleep function prevents the tip from being oxidized and extends the tip life.
- Energy-saving automatic power shut-off function.
- Space-saving compact design
- Antibacterial color sleeve enables the tip replacement to be easier and more comfortable.

# HAKKO FX-950 ESD SAFE



- Excellent thermal recovery **Analog type**
- Suitable for various kinds of applications from touch up to heavy duty application.
- "Lock key" can lock the temperature settings.
- Offset function
- Space-saving compact design
- Informing of various errors by lamp.

## Thermal Recovery Graph



## Power-save Function (HAKKO FX-951)



The power-save function operates while being linked to the iron holder. After the iron is inserted into the iron holder, the sleep function\*1 activates for an arbitrarily-set time (0 to 29 min.) and the tip temperature will decrease to 200°C. After 30 minutes have elapsed, the automatic power-off function\*2 activates.

\*1 To use sleep function, it is necessary to set the desired time arbitrarily in advance. For using the sleep function with the FX-950, the FH200-01 or the FH 200-02 iron holder is required, which is sold as option. Then, the time before activating the sleep function is fixed by 6 minutes and cannot be changed.

\*2 In order to use the automatic power shut-off function, it is necessary to set it in advance. The FX-950 is not equipped with the automatic power shut-off function.

## Performance comparison table

	FX-950	FX-951
Analog/Digital type	Analog	Digital
Thermal setting lock	Lock key	Control card
Power-save function	Auto-power shut-off function	○
	Sleep function	○ Optional setting: 6min.
Low temperature alarm function	×	○

## Specifications

Model No.	FX-950	FX-951
Power Consumption	75W	
Temperature Range	200-450°C	
Temperature Stability	±5°C	

## Station

Model No.	FX-950	FX-951
Output Voltage	24V	
Dimensions	80(W) x 118(H) x 138(D)mm	80(W) x 130(H) x 131(D)mm
Weight (w/o cord)	1.2kg	

## Iron

Model No.	FM-2028	
Power Consumption	70W (24V)	
Tip to Ground Resistance	< 2Ω	
Tip to Ground Potential	< 2mV	
Cord	1.2m	
Total Length (w/o cord)	188mm with 2.4D tip	
Weight (w/o cord)	30g with 2.4D tip	

## Replacement Tips

Please refer to page 8-9.

## Replacement and Optional Parts

Part No.	Name/Description
FM2028-01	HAKKO FM-2028 24V/70W w/yellow sleeve
FM2028-02	HAKKO FM-2028 24V/70W w/blue sleeve
FH200-02	HAKKO FH-200 <cleaning sponge type>
FH101-02	HAKKO FH-101 <cleaning sponge type>
B3253	Connecting cable
A1536	Cleaning sponge, green
599B-02	HAKKO 599B tip cleaner
B2756	Tip tray
B3216	Sleeve assembly, yellow
B3217	Sleeve assembly, orange
B3218	Sleeve assembly, blue
B3219	Sleeve assembly, green

## Sleeve Assembly



Four color sleeve assemblies are available. Workability increases if sleeves are changed according to the tip shape and job application.

## Packing List

Model Name	Contents
HAKKO FX-951	Station .....1
	Iron (FM-2028) .....1
	Power cord .....1
	Iron holder with cleaning sponge (No.FH200-02) .....1
	Control card .....1
HAKKO FX-950	Station .....1
	Iron (FM-2028) .....1
	Power cord .....1
	Iron holder with cleaning sponge (No.FH101-02) .....1
	Lock key .....1
	Heat resistant pad .....1

\* Tips are optional parts.

## Iron Holder

The unit can be used with HAKKO 599B instead of a cleaning sponge.



## Tip Tray



No. B2756

For storage of tip

- \* Option
- \* Tips are not included.

## N<sub>2</sub> System



Combination sample with the N<sub>2</sub> system HAKKO FX-951, HAKKO FM-2026, HAKKO FX-780, HAKKO FX-791

\* For further details, refer to page 14-17.