

# Two-tip station for a wider range of workability

Variety of tip



Excellent thermal recovery

Compact, space-saving design

〈Dimensions〉113(W)×160(H)×206(D)mm

Equipped  
with  
sleep function

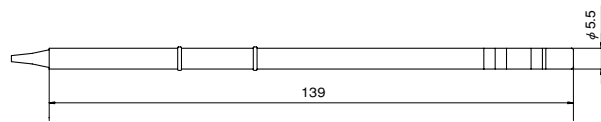
**HAKKO** FX-952 **ESD SAFE**  
SOLDERING STATION

Helps lead-free soldering and cell production system

**HAKKO**

# Variety of tip-84 types

## Optional Tips



Unit : mm

SHAPE B	T12-B SHAPE-B 	T12-B2 SHAPE-0.5B 	T12-B3 SHAPE-0.7B 	T12-B4 SHAPE-0.4B 
	T12-BL SHAPE-BL 			
SHAPE BC	T12-BC1 SHAPE-1BC T12-BCF1 ★ 	T12-BC2 SHAPE-2BC T12-BCF2 ★ 	T12-BC3 SHAPE-3BC T12-BCF3 ★ 	
SHAPE C	T12-C1 SHAPE-1C 	T12-C4 SHAPE-4C T12-CF4 ★ 		
SHAPE D	T12-D08 SHAPE-0.8D 	T12-D12 SHAPE-1.2D 	T12-D16 SHAPE-1.6D 	T12-D24 SHAPE-2.4D 
	T12-D4 SHAPE-4D 	T12-D52 SHAPE-5.2D 	T12-DL08 SHAPE-0.8DL 	T12-DL12 SHAPE-1.2DL 
	T12-DL32 SHAPE-3.2DL 	T12-DL52 SHAPE-5.2DL 		
SHAPE I	T12-I SHAPE-I 	T12-IL SHAPE-IL 	T12-ILS SHAPE-ILS 	
SHAPE J	T12-J02 SHAPE-0.2J 	T12-JL02 SHAPE-0.2JL 	T12-JS02 SHAPE-0.2JS 	
SHAPE K	T12-K SHAPE-K 	T12-KF SHAPE-KF 	T12-KL SHAPE-KL 	T12-KR SHAPE-KR 
	T12-KU SHAPE-KU 			

## SMD TYPE

Unit : mm

QUAD	T12-1201 QUAD 13.6×8.5 	T12-1202 QUAD 10.3×10.3 	T12-1203 QUAD 12.8×12.8 	T12-1204 QUAD 17.9×17.9 
	T12-1205 QUAD 23.4×17.3 	T12-1206 QUAD 22.5×16.5 	T12-1207 QUAD 15.5×15.5 	T12-1208 QUAD 15.8×15.8 
	T12-1209 QUAD 8.4×8.4 			
TUNNEL	T12-1001 TUNNEL 5.1×4.6 	T12-1002 TUNNEL 5.1×10.4 	T12-1003 TUNNEL 9.5×18.3 	T12-1004 TUNNEL 9.5×15.8 
	T12-1005 TUNNEL 9.5×13.2 	T12-1006 TUNNEL 6.9×11.4 	T12-1007 TUNNEL 7.9×18.8 	T12-1008 TUNNEL 19.5×10.2 
	T12-1009 TUNNEL 13.4×20.5 	T12-1010 TUNNEL 19.5×12 		
SPATULA	T12-1401 SPATULA 10.4 	T12-1402 SPATULA 15.7 	T12-1403 SPATULA 21.2 	T12-1404 SPATULA 25 
	T12-1405 SPATULA 32 	T12-1406 SPATULA 40 		

## SPECIAL APPLICATIONS TYPE

Unit : mm

T12-BZ SHAPE-B(Z) 	T12-B2Z SHAPE-0.5B(Z) 	T12-BC1Z SHAPE-1BC(Z) T12-BCF1Z ★ 	T12-BC2Z SHAPE-2BC(Z) T12-BCF2Z ★ 
T12-BCM2 SHAPE-2BC Bevel with indent ★★ 	T12-BC3Z SHAPE-3BC(Z) T12-BCF3Z ★ 	T12-BCM3 SHAPE-3BC Bevel with indent ★★ 	T12-C4Z SHAPE-4C(Z) T12-CF4Z ★ 
T12-D12Z SHAPE-1.2D(Z) 	T12-D16Z SHAPE-1.6D(Z) 	T12-D24Z SHAPE-2.4D(Z) 	T12-D4Z SHAPE-4D(Z) 
T12-KFZ SHAPE-KF(Z) 	T12-KRZ SHAPE-KR(Z) 		

## HEAVY DUTY TYPE

Unit : mm

T12-WB2 SHAPE-0.5WB 	T12-WD08 SHAPE-0.8WD 	T12-WD12 SHAPE-1.2WD 	T12-WD16 SHAPE-1.6WD 	T12-WD52 SHAPE-5.2WD 	T12-WI SHAPE-WI 
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★Tinned on the soldering surface only. ★★The part numbers T12-BCM2 and T12-BCM3 are not available for sale or use in the U.S.A.

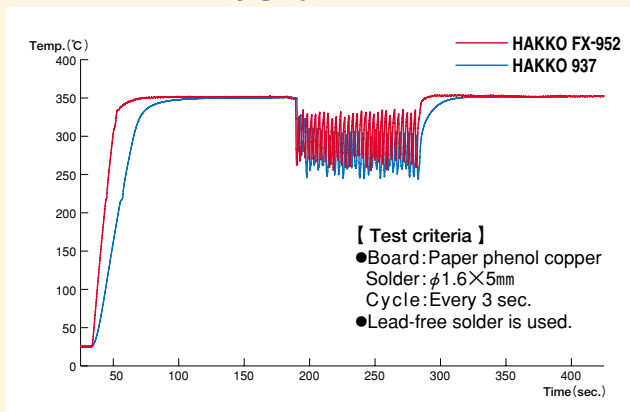
High-thermal-capacity 70W composite tip.  
 Space-saving compact design.  
 Two soldering irons can be controlled by one station.  
 Allows use of different tips and temperature settings for different application.

## Features

### Excellent thermal recovery

- The excellent thermal recovery performance allows soldering at lower tip temperatures.

#### ■ Thermal recovery graph



### Sleep function

- Soldering irons are not used for a while, the tip temperature goes down to 200°C automatically to avoid tip oxidation.

### Temperature control

- "Control Card" can lock the temperature settings.
- Low temperature alarm function is provided.
- Quick and easy offsetting of tip temperature by the digital offset function.

### Safe design

- ESD safe.
- Informs you of errors via a warning buzzer or display.

## Specifications

### HAKKO FX-952 soldering station

Power consumption	140W
Temperature range	200-450°C (400-840°F)
Temperature stability	±5°C (±9°F)

NOTE: The temperature were measured using the HAKKO 191 thermometer.

### Contents

Station	Accessories
Soldering Iron/Hakko FM-2025 (2)···yellow & blue	Power cord··········1 Iron holder with cleaning sponge······1 Control card··········1 Heat resistant pad··········1

※Tips are optional parts.

### ● Station

Output	24V
Dimensions	113 (W)×106 (H)×206 (D) mm
Weight	2.6kg

### ● HAKKO FM-2025 soldering iron

Power consumption	70W (24V)
Tip to ground resistance	< 2Ω
Tip to ground potential	< 2mV
Length of cord	1.2m (4ft.)
Length, less cord	188mm (7.4in.) with 2.4D tip
Weight, less cord	30g (0.07lb.) 2.4D tip

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