

HAJKO

SOLDERING STATION

FX-888D

ESD
SAFE

All-Round Soldering Station

Digital

Tip included



- Features Adjustment mode, Preset mode, and Password function
- Separable tip/heater design provides superior cost performance.

Packing List

FX-888D	Station, Handpiece (FX-8801), Iron holder, Instruction manual
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Specifications

Model No.	FX-888D
Power consumption	70 W
Temperature range	50 to 480°C
Temperature stability	±1°C at idle temperature

Station

Output voltage	AC 26 V
Dimensions	100 (W) × 120 (H) × 120 (D) mm
Weight	1.2 kg

Soldering Iron

Power consumption	65 W (26 V)
Tip to ground resistance	<2 Ω
Tip to ground potential	<2 mV
Heating element	Ceramic heater
Standard tip	Shape-B (No.T18-B)
Cord length	1.2 m
Total length*	217 mm (with B tip)
Weight*	46 g (with B tip)

* Without cord

Features

Strict temperature management

● Digital display

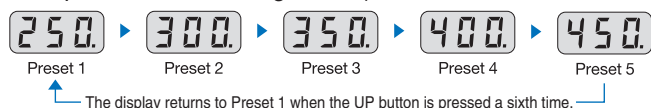
The FX-888D's digital display makes it easy to check the set temperature at a glance.

● Password function

Settings can be locked using a password to prevent them from being changed unexpectedly.

● Preset mode

Simply select the desired temperature from a selection of preset temperatures registered in advance. (Up to 5 preset temperatures can be registered.)



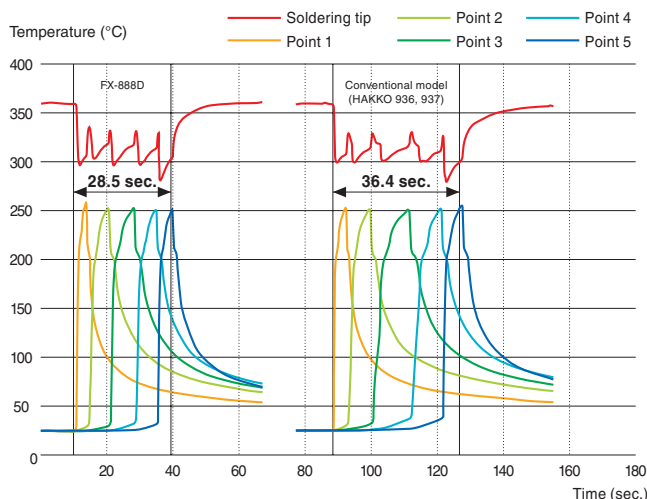
● Adjustment mode

With adjustment mode, what used to be a troublesome procedure is now as simple as entering the measured tip temperature in the FX-888D.



Measuring the tip temperature with a tip thermometer (HAKKO FG-100)

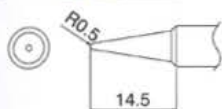
Graph of a comparison of the performance of the HAKKO FX-888D and a conventional station



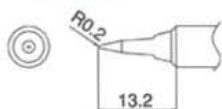
Test criteria

Measurement method	Thermocouples are mounted on the tip and the soldered portion on the board, and the time until the soldered portion reaches 250°C is measured for 5 points.
Board	Paper phenol copper board
Component used	Connector
Tip shape	Shape-1.2D
Temperature setting	360°C
Solder	Lead-free solder (Sn/Ag/Cu), diameter: 0.5 mm

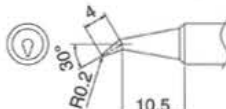
T18-B ■ B3662



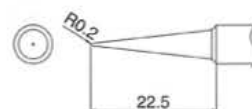
T18-SB ■



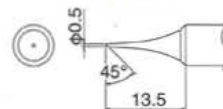
T18-BR02



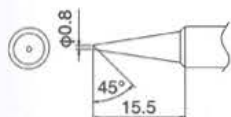
T18-BL



T18-C05 ■ B3664

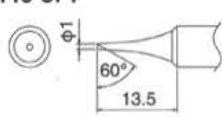


T18-C08

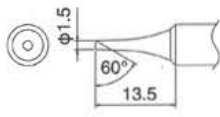


T18-C1 ■ B3664

**T18-CF1

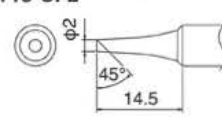


**T18-CF15

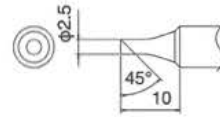


T18-C2 ■ B3662

**T18-CF2

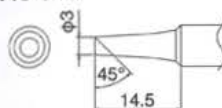


**T18-CSF25 ■



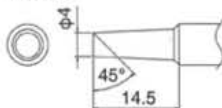
T18-C3 ■ B3663

**T18-CF3

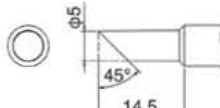


T18-C4 ■

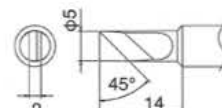
**T18-CF4



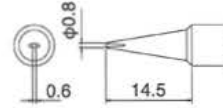
T18-C5



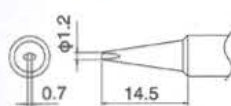
T18-K ■ B3665



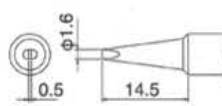
T18-D08 ■ B3662



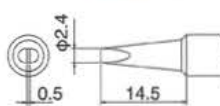
T18-D12 ■ B3662



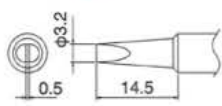
T18-D16 ■ B3663



T18-D24 ■ B3663



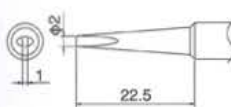
T18-D32 ■



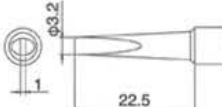
T18-DL12



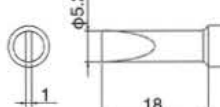
T18-DL2



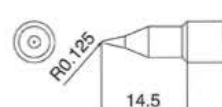
T18-DL32



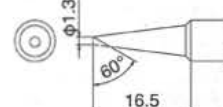
T18-S3



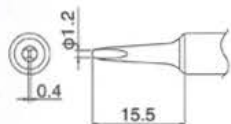
T18-S4 ■



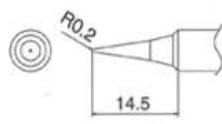
T18-S6



T18-S9



T18-I ■ B3664



* 以上全部焊咀均适用于FX-8801

**焊咀只在斜面部份镀锡

■ 适用于FX-8803

■ 适用于FX-8802

FX-8802 N₂ 氮气焊铁必须配合排气钢管组合使用

B3662 排气钢管组合A

B3663 排气钢管组合B

B3664 排气钢管组合C

B3665 排气钢管组合D

HAKKO **FX-8802** **ESD SAFE**
SOLDERING IRON

N₂ Soldering Iron

Tip included

LEAD FREE ESD SAFE RoHS



HAKKO **FX-8803** **ESD SAFE**
SOLDERING GUN

Soldering Gun

Tip included

LEAD FREE ESD SAFE RoHS



HAKKO **FX-8804** **ESD SAFE**
SMD HOT TWEEZERS

SMD Hot Tweezers

Tip included

LEAD FREE ESD SAFE RoHS



Packing List

FX-8802	Handpiece, Shield plate, Instruction manual
FX-8803	Handpiece, Instruction manual
FX-8804	Handpiece, Caution label, Heat resistant pad, Instruction manual

NOTE: The soldering iron cannot be used as a standalone device.

Specifications

Model No.	FX-8802
Power consumption	65 W (26 V)
Temperature range	50 to 480°C
Tip to ground resistance	<2 Ω
Tip to ground potential	<2 mV
Heating element	Ceramic heater
Standard tip	Shape-B (No.T18-B)
Cord length	1.2 m
Total length*	190 mm (with B tip)
Weight*	59 g (with B tip and nozzle assembly A)

* Without cord and tube

Model No.	FX-8803
Power consumption	65 W (26 V)
Temperature range	50 to 480°C
Tip to ground resistance	<2 Ω
Tip to ground potential	<2 mV
Heating element	Ceramic heater
Standard tip	Shape-3C pre-tinned surface 45° (No.T18-CF3)
Standard guide nozzle	ø1.0 mm
Usable solder diameter	0.6, 0.8, 1.0, 1.2, 1.6 mm
Cord length	1.1 m
Dimensions	170 (W) × 180 (H) × 23 (D) mm
Weight*	177 g

* Without cord

Model No.	FX-8804
Power consumption	65 W (26 V)
Temperature range	200 to 400°C
Tip to ground resistance	<2 Ω
Tip to ground potential	<2 mV
Heating element	Ceramic heater
Standard tip	Shape-2L (No. A1378) 2 pcs/set
Cord length	1.2 m
Total length*	186 mm
Weight*	93 g

* Without cord

Option

FX-8803

Part No.	Name	Specifications
C1437	Iron holder (with cleaning sponge)	—

FX-8804

Part No.	Name	Specifications
FH800-04BY	Iron holder (with cleaning sponge)	Blue & yellow

Replacement Tips for the FX-8801 and FX-8803

Unit: mm

Applicable for FX-8803 T18-B Shape-B 	Applicable for FX-8803 T18-SB Shape-SB 	T18-BR02 Shape-0.2BR 	T18-BL Shape-BL 	T18-C05 Shape-0.5C
Applicable for FX-8803 T18-C08 Shape-0.8C 	T18-C1 Shape-1C T18-CF1* 	T18-CF15* Shape-1.5C 	Applicable for FX-8803 T18-C2 Shape-2C T18-CF2* 	Applicable for FX-8803 T18-CSF25* Shape-2.5CS
Applicable for FX-8803 T18-C3 Shape-3C T18-CF3* 	Applicable for FX-8803 T18-C4 Shape-4C T18-CF4* 	T18-C5 Shape-5C 	Applicable for FX-8803 T18-K Shape-K 	T18-D08 Shape-0.8D
T18-D12 Shape-1.2D 	Applicable for FX-8803 T18-D16 Shape-1.6D 	Applicable for FX-8803 T18-D24 Shape-2.4D 	Applicable for FX-8803 T18-D32 Shape-3.2D 	T18-DL12 Shape-1.2DL
T18-DL2 Shape-2DL 	T18-DL32 Shape-3.2DL 	T18-S3 Shape-S3 	Applicable for FX-8803 T18-S4 Shape-S4 	T18-S6 Shape-S6
T18-S9 Shape-S9 	T18-I Shape-I 	* These tips are tinned on the soldering surface only.		

Replacement Tips and Nozzles for the FX-8802

Please see the replacement tips on P.33

Replacement Tips for the FX-8804

For Chip Component

Part No.	Name	Size of A (B)	Tip Shape
A1577	Tip/CHIP 0.5L	0.5 mm	
A1379	Tip/CHIP 1L	1 mm	
A1378	Tip/CHIP 2L	2 mm	
A1388	Tip/CHIP 0.5C	1.5 (0.5) mm	
A1389	Tip/CHIP 0.5I	R0.25 mm	
A1576	Tip/CHIP 2.6C	2.6 mm	

For SOP Component

Part No.	Name	Size of A	Tip Shape
A1390	Tip/SOP 4L	4 mm	
A1391	Tip/SOP 6L	6 mm	
A1380	Tip/SOP 8L	8 mm	
A1381	Tip/SOP 10L	10 mm	
A1382	Tip/SOP 13L	13 mm	
A1392	Tip/SOP 15L	15 mm	
A1383	Tip/SOP 18L	18 mm	
A1384	Tip/SOP 20L	20 mm	
A1385	Tip/SOP 25L	25 mm	