

HAKKO FX-888D

SOLDERING STATION



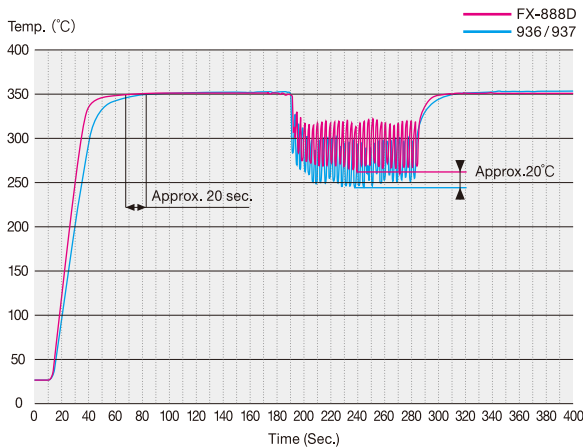
Digital technology you can rely on – Introducing the HAKKO FX-888D

Excellent thermal recovery characteristics

Boasting 30% higher output than the conventional HAKKO 936-937, the FX-888D delivers excellent thermal recovery by employing T18 series tips for terrific heat conductivity.

Thermal recovery graph

Rise time to 350°C is 20 seconds faster and tip temperature drop is reduced during continuous work.



Test criteria

Measurement method: A thermocouple is mounted on the tip and the tip temperature is measured when soldering $\Phi 1.6\text{mm} \times 5\text{mm}$ solder to paper phenol copper board once every 3 seconds.

Board: Paper phenol copper board

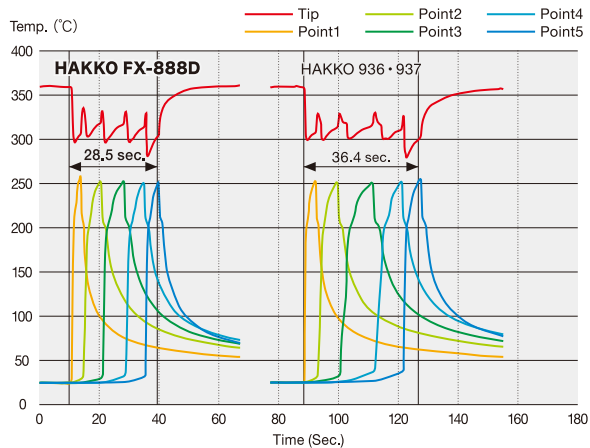
Temperature setting: 350°C

Solder: Lead-free solder (Sn/Ag/Cu) $\Phi 1.6\text{mm} \times 5\text{mm}$

This allows soldering at a lower set temperature, reducing the thermal impact on components and helping to prevent reduced tip life due to oxidation.

Workability comparison graph

Reduces time required for the same task, achieving significantly improved efficiency.



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

Temperature setting: 360°C

Solder: Lead-free solder (Sn/Ag/Cu) $\Phi 0.5\text{mm}$

Designed with ease-of-use in mind

Small footprint

Compact station body requires a space of only 100 (W) x 120 (D) mm.

More user friendly than ever

With only two centrally located operation buttons, operation is easy, even if you're a technophobe. Just press UP to select items, make changes, then press ENTER to confirm.

Wide range of functions

An iron holder of the same color comes as a set with the station. The highly functional iron holder not only improves ease of use, but also brings a sense of visual consistency to the work environment.

Diverse range of applications (optional accessories)

Meeting the needs of the worksite with support for a diverse range of applications.

N2 System Soldering Iron FX-8802

Perfect for applications involving mildly activated flux and multilayer boards.

*Requires N2 gas generator (HAKKO FX-780) and flowmeter (HAKKO FX-791).

SMD Hot Tweezers FX-8804

Hot tweezers for SMD rework*.

*Removing chip parts and SOPs.



Comprehensive 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 accidental or intentional temperature changes. It is also possible to restrict all setting changes or prevent users from switching modes, thus allowing you to choose a style of usage best suited for the work.



Preset mode

Preset mode simplifies operation and improves ease-of-use. This feature is very handy when you want to change the set temperature to suit a particular workpiece, component, or tip shape. Simply select the desired temperature from a selection of preset temperatures registered in advance. (Up to 5 preset temperatures can be registered.)



Adjustment mode

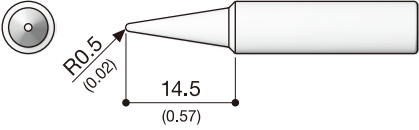
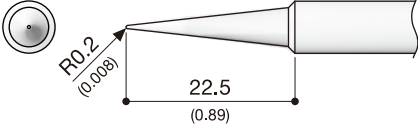
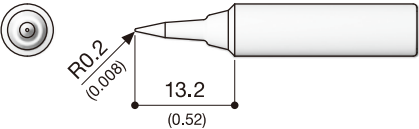
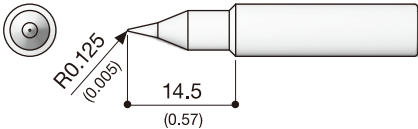
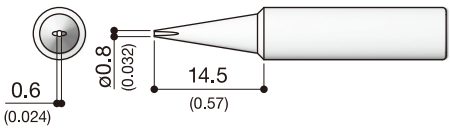
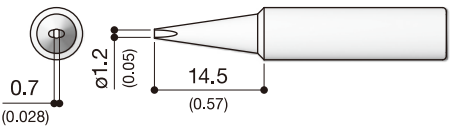
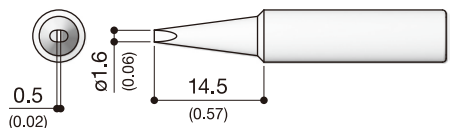
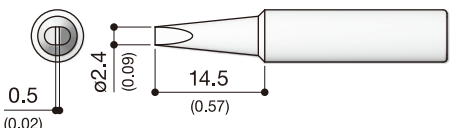
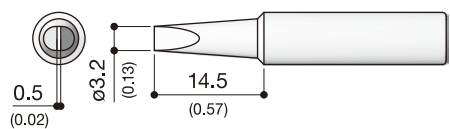
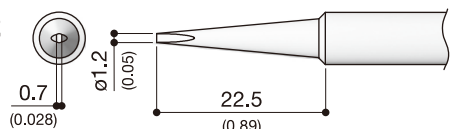
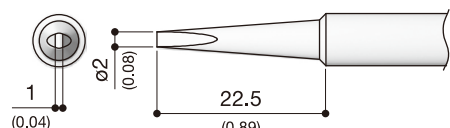
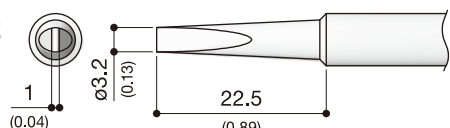
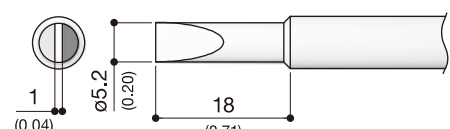
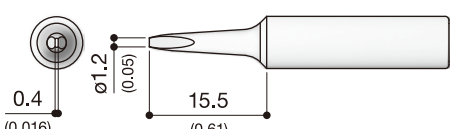
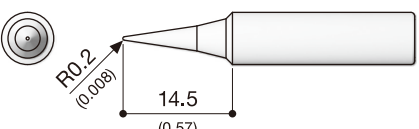
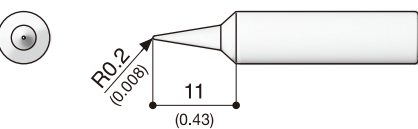
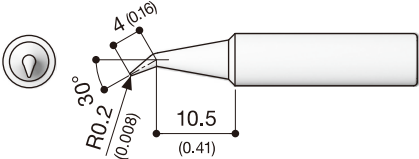
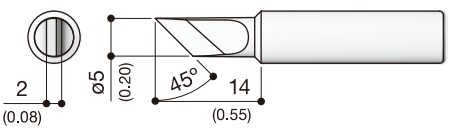
Temperature adjustment* is an essential part of any strict quality control system. With adjustment mode, what used to be a troublesome procedure is now as simple as programming the FX-888D with the measured tip temperature.

*Adjusting the tip temperature so that it is the same as the set temperature in the event that there is a difference between the set temperature and the measured tip temperature, which can be caused by tip shape, heater replacement, or other factors.

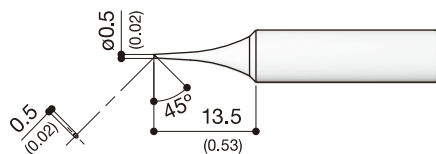
Photo: Measured using tip thermometer (HAKKO FG-100)



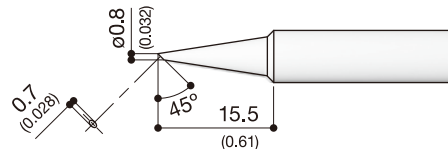
Replacement Tips - T18 Series

Shape B	T18-B 	T18-BL 
	T18-SB 	T18-S4 
Shape D	T18-D08 	T18-D12 
	T18-D16 	T18-D24 
	T18-D32 	T18-DL12 
	T18-DL2 	T18-DL32 
	T18-S3 	T18-S9 
	T18-I 	T18-IS 
Shape J	T18-BR02 	T18-K 
	Shape K	

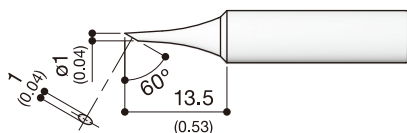
T18-C05



T18-C08

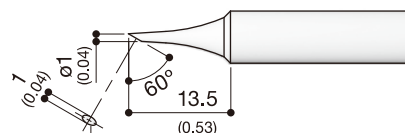


T18-C1

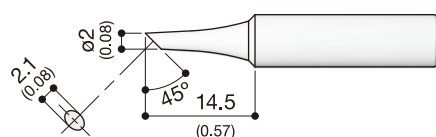


T18-CF1

Tinned on the soldering surface only.

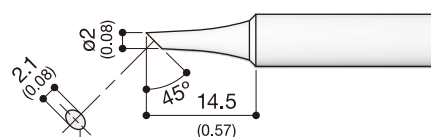


T18-C2

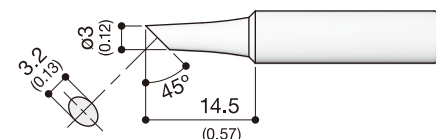


T18-CF2

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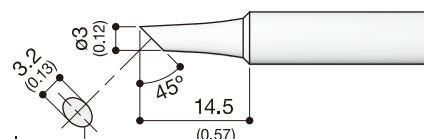


T18-C3

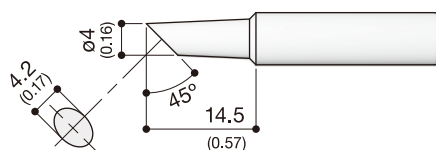


T18-CF3

Tinned on the soldering surface only.

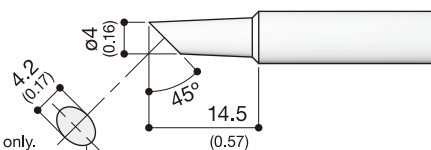


T18-C4

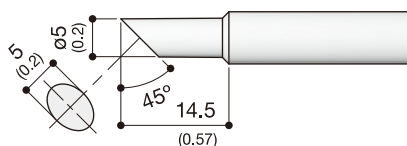


T18-CF4

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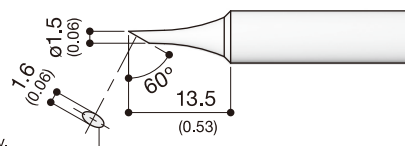


T18-C5



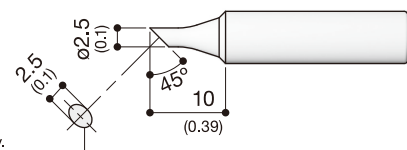
T18-CF15

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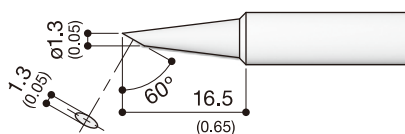


T18-CSF25

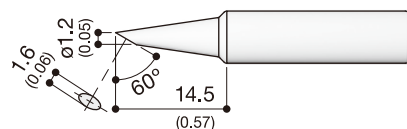
Tinned on the soldering surface only.



T18-S6



T18-S7



● Specifications

Model name		HAKKO FX-888D
Body color		Blue & yellow
Power consumption		70W
Temperature range		50-480°C (120-899°F)
Temperature stability		± 1°C (1.8°F) at idle temperature when set to 200-480°C (400-899°F)
Station	Output voltage	AC 26V
	Dimensions	100(W)×120(H)×120(D)mm (3.9×4.7×4.7 in.)
	Weight (w/o cord)	1.2kg (2.6 lb.)
Iron	Power consumption	65W (26V)
	Tip to ground resistance	<2Ω
	Tip to ground potential	<2mV
	Standard tip	Shape-1.6D (No.T18-D16)
	Heating element	Ceramic heater
	Cord length	1.2m (3.9 ft)
	Total length (w/o cord)	217mm (8.5 in.) with 1.6D tip
	Weight (w/o cord)	46g (0.1 lb./1.62 oz.) with 1.6D tip

● Replacement parts

Part number	Name / Description
A1559	Cleaning sponge
A1560	Heating element / 65W (26V)
A1561	Cleaning wire
B1785	Nut
B2022	Nipple
B3469	Tip enclosure

● ESD specifications

Anti-static measures have been implemented using conductive materials so that this product can be used to solder components that are easily susceptible to electrical damage.

● Packing list

FX-888D Station
FX-8801 Iron (with No.T18-D16)
Iron holder (w/cleaning sponge & cleaning wire)
Instruction Manual



CA00399Gblb001 2012.8



HAKKO CORPORATION

HEAD OFFICE

4-5, SHIOKUSA 2-CHOME, NANIWA-KU, OSAKA, 556-0024 JAPAN
TEL: +81-6-6561-3225 FAX: +81-6-6561-8466
<http://www.hakko.com> E-mail: sales@hakko.com

OVERSEAS AFFILIATE

U.S.A.
AMERICAN HAKKO PRODUCTS, INC.
28920 N. AVE. WILLIAMS VALENCIA, CA 91355, U.S.A.
TEL: (661) 294-0090 FAX: (661) 294-0096
Toll Free (800)88-HAKKO
<http://www.hakkousa.com>

Please access to the following address for the other Sales affiliates.

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