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## Soldering iron

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**HAKKO FX-888** New

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**new**  
**HAKKO FX-888** ESD SAFE



High-performance soldering iron pursuing "usability" and "appearance" has evolved from a mere working tool.



 [T18 Series Soldering Tips](#)

Available in:

[Japan](#) [North America](#) [EU](#)

[Oceania](#) [Asia](#) [Other Countries](#)

4 colors can be selected in EU/Korea/Japan.

Only Blue & Yellow is available in other countries.

[Catalog Request](#)

[Manuals / MSDS / Engineering documents](#)

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## Features

HAKKO FX-888, which presents an attractive worksite, was elected as Japan Design Selection!

[>> More](#)



[Full design changes for HAKKO 936](#)

[HAKKO PORTABLE](#)  
[HAKKO RED](#)  
[HAKKO U](#)

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[HAKKO FX-901](#)

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## High-performance soldering iron pursuing "usability" and "appearance" has evolved into more than a mere working tool.

- ❖ Temperature controller achieves 3 factors such as "space saving", "good maintainability" and "good safety and stability"
  - Footprint was reduced by approx. 50% compared to that of conventional [HAKKO 936](#).
  - Use of special driver (resin) for thermal correction during daily inspection maintains durability.
  - Designs offered in 4 color variations focusing on the fun of selecting the color and creating an attractive worksite in addition to stable design
  - The temperature control knob can be locked to prevent the setting temperature from changing during the work.
    - [How to lock the temperature control knob](#)
  
- ❖ Soldering iron provides 30% increase in workability compared to that of conventional [HAKKO 936](#).
  - Improved thermal conductivity enables the same work to be performed in a shorter time. (Refer to the workability comparison graph.)
    - [Workability comparison graph](#)
  - The rise time is 20 seconds faster and drop in tip temperature during work is reduced. (Refer to the thermal characteristics graph.)
    - [Thermal characteristics graph](#)
  - Employment of separated-heater tip achieves low running cost.
  - Making the element cover thinner enables better viewing during work and easier working even on a P.W.B. with highly dense components.
  
- ❖ Iron holder provides 3 cleaning methods and low-noise effect
  - Sound and vibration generated when placing the iron into the iron holder were reduced by 30%.
  - Three types of cleaning methods are available in one iron holder using a cleaning sponge, cleaning wire and rubber cleaner.
  - The detachable waste holder at the bottom of iron holder offers an easy way to dispose of the waste.
    - [How to remove the bottom plate of the iron holder](#)
  - The corners on the sponge storage section of the iron holder were rounded to prevent them from coming in contact with hands when placing the soldering iron.

❖ Ultra-compact size with consideration of environment and ease of use

Space-saving design leaves working area large even in a cell-production site.

\* The conventional product shown in the photo is [HAKKO 936](#).



❖ Blue and yellow as a HAKKO brand color and metallic color provide an "attractive" worksite.

Bright colors and rounded design brighten a worksite and add the fun of selecting the color.



Silver

Black

Red

Blue and yellow



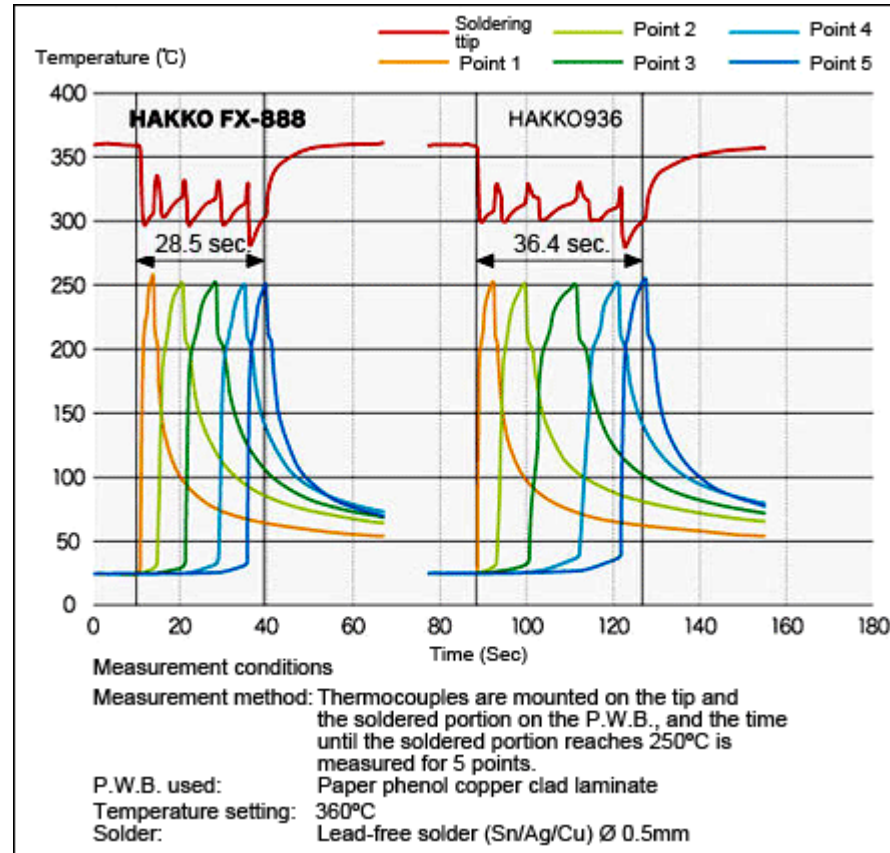
Silver/black/red stations are provided with a silver iron holder.



Blue & yellow 2-tone station is provided with the same color iron holder.

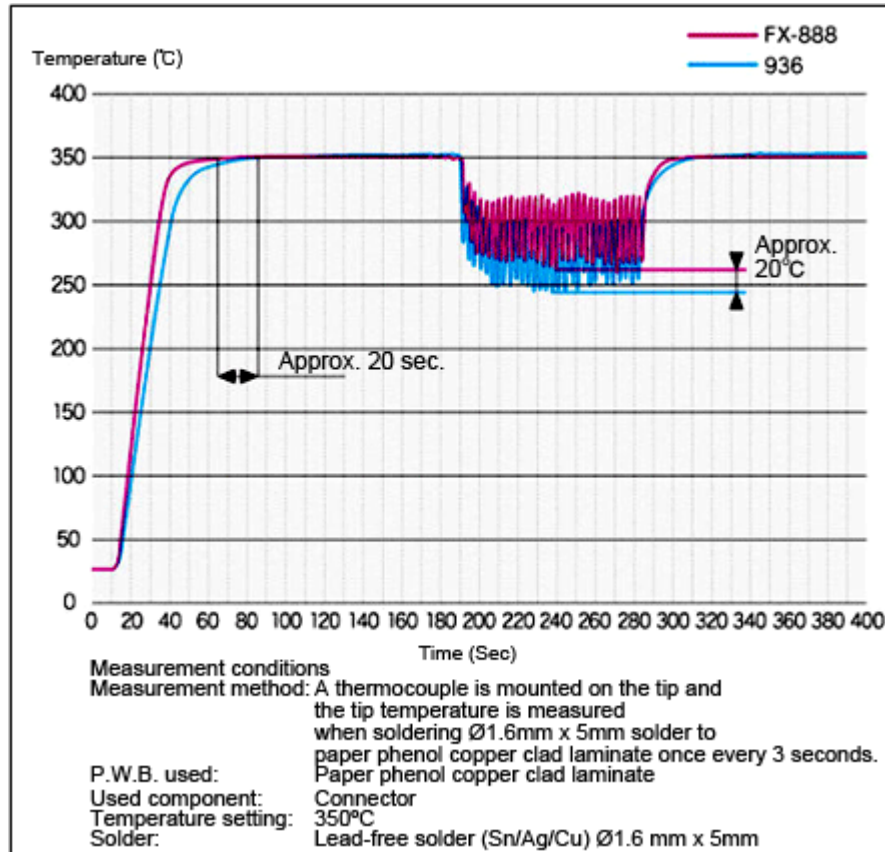
#### Workability comparison graph

The internal structure and tip shape were reviewed to provide better thermal conductivity and better thermal efficiency. As a result, the time for performing the same work was greatly shortened.



#### Thermal characteristics graph

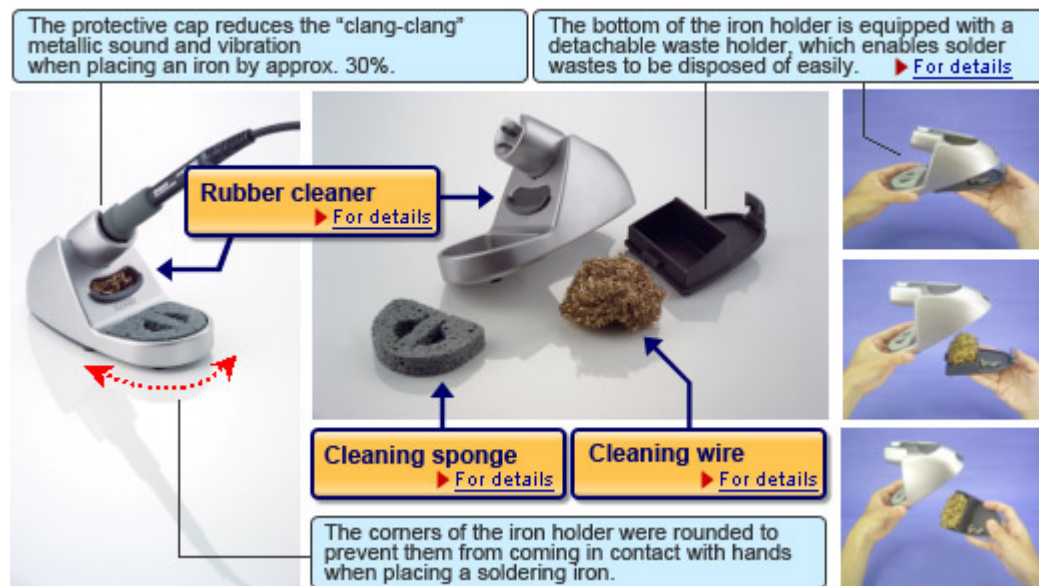
It was demonstrated that the rise time is approx. 20 seconds faster, and the drop in tip temperature during continuous work is reduced.



### 3 types of cleaning methods available in one soldering iron holder

Metallic sound and vibration when placing an iron are reduced and solder wastes can be easily disposed of.





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● Packing List

Model No.	Unit Color	Iron Holder Color	Packing List
No.FX888	Silver	Silver	Soldering station (FX-888), Soldering iron (FX-8801 with soldering tip type B), Iron holder (with cleaning wire, cleaning sponge and rubber cleaner), Hexagon wrench, CAL adjustment driver, Instruction Manual
	Black		
	Red		
	Blue-Yellow	Blue-Yellow	

**NOTE:** 4 colors can be selected in EU/Korea/Japan. Only Blue & Yellow is available in other countries.

● Specifications

Model No.	HAKKO FX-888
Power Consumption	70W

## ·Station

Output Voltage	AC26V
Temperature Range	200-480°C
Temperature Stability	±1°C at idle temperature
Dimensions	100(W)×120(H)×130(D)mm
Weight (w/o cord):	1.3kg

## ·Soldering iron (HAKKO FX-8801)

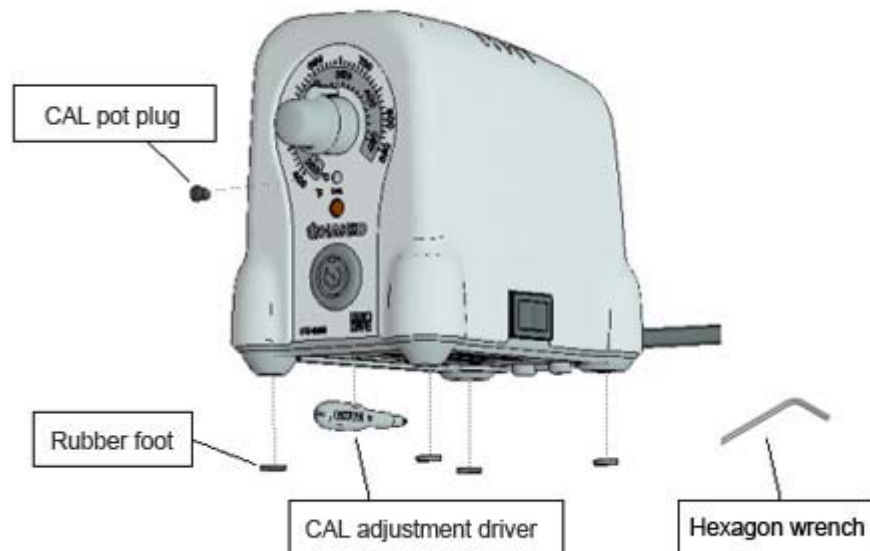
Power consumption	AC26V 65W
Tip to Ground Resistance	<2Ω
Tip to Ground Potential	<2mV
Heating element	Ceramic heater
Cord	1.2m
Total length (w/o cord):	190mm
Weight (w/o cord):	44g



[HAKKO FX-888 Replacement Soldering Tip List \(T18 Series\)](#)



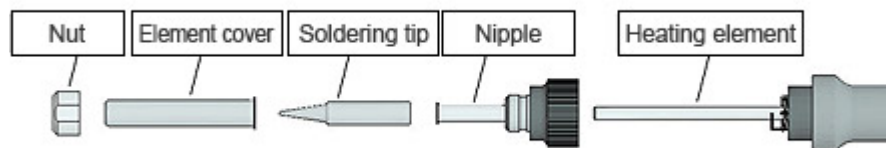
HAKKO FX-888 soldering station  
 Parts to be replaced can be checked on exploded views. [Close](#)



·Soldering station		
Part No	Part name	Specifications
B3459	CAL pot plug	
B3466	CAL adjustment driver	
B2017	Hexagon wrench	
B2405	Rubber feet	Set of 4




HAKKO FX-8801 soldering iron  
Parts to be replaced can be checked on exploded views. [Close](#)



·HAKKO FX-8801 soldering iron		

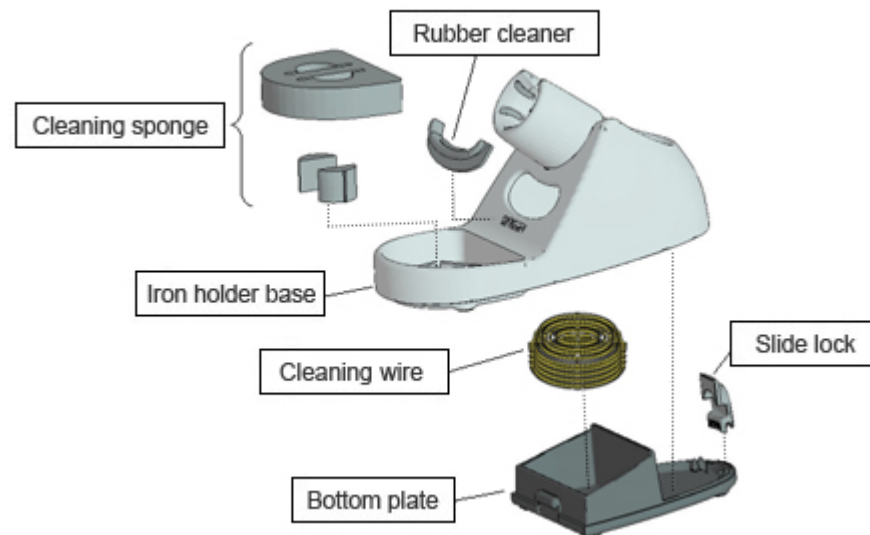


Part No.	Part name	Specifications
FX8801-01	HAKKO FX-8801	26V-65W with soldering tip type B 
A1560	Heating element	AC 26V/65W
B3469	Element cover	
B1785	Nut	
B2022	Nipple	



\*For soldering tip, [click here](#).



HAKKO FH-800 iron holder  
Parts to be replaced can be checked on exploded views. [Close](#)



·Iron holder		
Part No.	Part name	Specifications

FH800-01BY	HAKKO FH-800	
FH800-01SV	HAKKO FH-800	
A1559	Cleaning sponge	
A1561	Cleaning wire	Solder can be wiped off more cleanly than with <a href="#">HAKKO 599B</a> , and in addition, solder required to prevent oxidation is left on the tip.
B3472	Iron holder base	Blue-Yellow with protecting cap and rubber feet
B3473		Silver with protecting cap and rubber feet
B3474	Rubber cleaner	
B3475	Bottom plate	With rubber feet
B3476	Slide lock	

● Operation & Example of Use

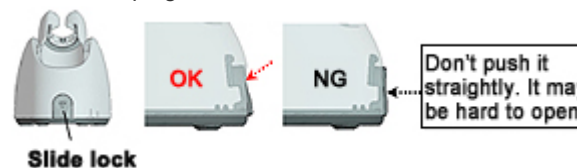
■ Tips for using HAKKO FX-888.

1. How to remove the bottom plate.



1. Press the slide lock button inward.

**Note** Press it firmly from upward. It is easy to open by the slide lock sloping inward.





2. Open the iron holder base while pressing the slide lock.



3. Remove the solder waste in the bottom plate.

## 2.How to lock the temperature control knob



The temperature control knob can be locked to prevent the setting temperature from changing during the work. In case of locking it, please **insert the hexagon wrench into the lower hole** and tighten the hexagon screw in the hole counterclockwise.

**!** As for unlocking, don't touch the upper hole. Adjust by the upper hole makes the control knob loosen.

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## T18 Series Soldering Tips



### Applicable Model

·HAKKO FX-8801 (Soldering station [HAKKO FX-888](#))

\* Use T18 series tips for this HAKKO FX-8801. If other tips are used, it is possible that the performance described in the specifications will not be achieved.

### Tip Shapes



[Difference between C/BC and CF/BCF tip shape](#)

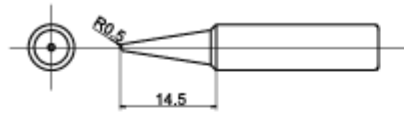


[Soldering Tips printer friendly page](#) (PDF/368 KB)

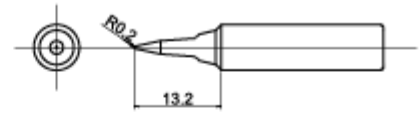
Printable in high quality

### ■ Soldering tip list

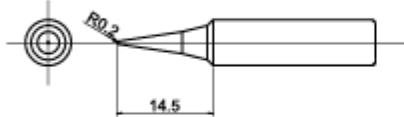
T18-B



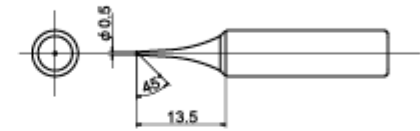
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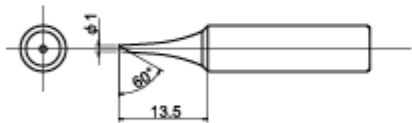
T18-I



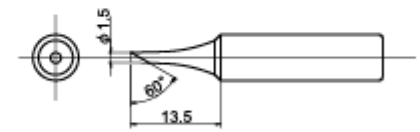
T18-C05



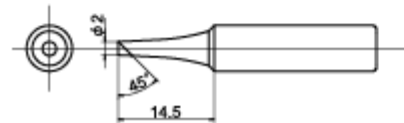
T18-C1  
T18-CF1\*



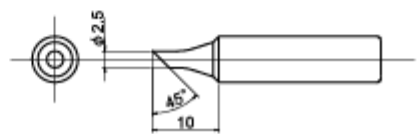
T18-CF15\*



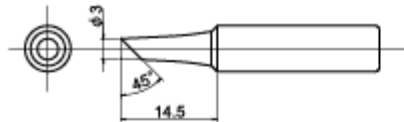
T18-C2  
T18-CF2\*



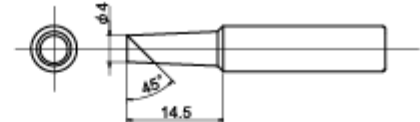
T18-CSF25\*



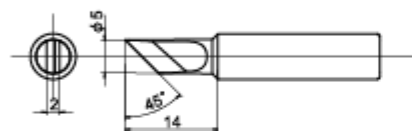
T18-C3  
T18-CF3\*



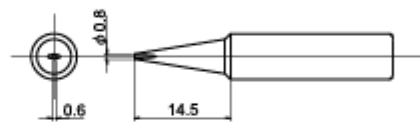
T18-C4  
T18-CF4\*



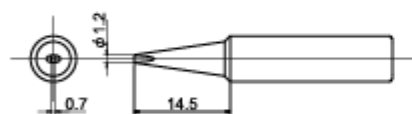
T18-K



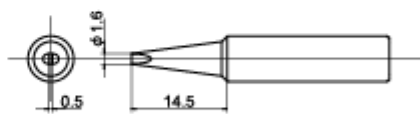
T18-D08



T18-D12



T18-D16



T18-D24



T18-D32

