

# HAKKO FX-300



Lead-free-solder compatible compact analog soldering pot



Maintenance Method

Available in:

Japan

North America

EU

Oceania

Asia

Other Countries

## Features

Lead-free-solder compatible and compact knob type soldering pot provides quick start-up and easy replacement.

- ▶ Compatible with lead-free solder
  - High-temperature specifications with a maximum temperature of 450 °C (when using 50mm x 50mm soldering pot)
- ▶ Quick start-up to set temperature
  - Start-up time is reduced by 10 minutes or more compared to conventional analog soldering pot (HAKKO 96). (See graph.)
- ▶ Temperature is adjustable even during work.
  - Temperature can be adjusted by just turning a knob.
- ▶ Easy pot replacement
  - Pot is easily replaced by just loosening a screw.

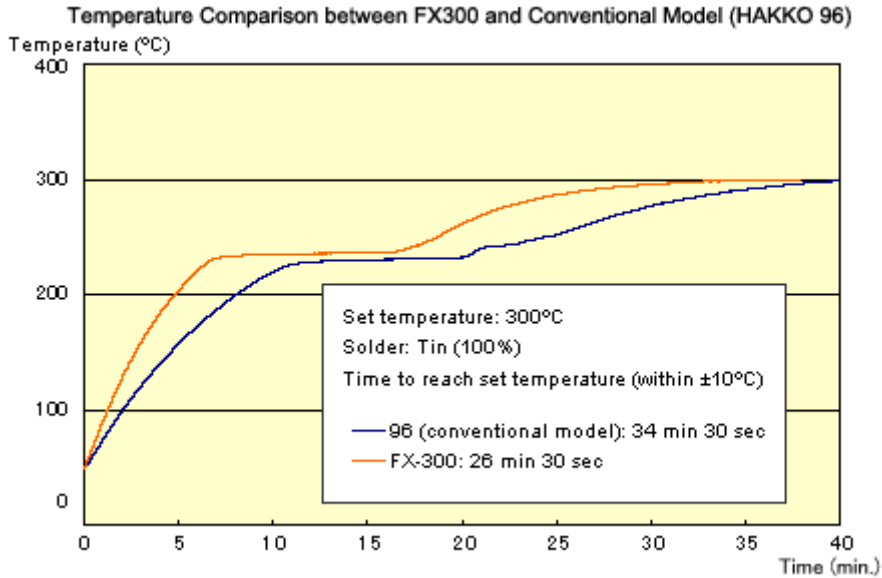
Pot replacement method
- ▶ If a digital soldering pot is required, see the HAKKO FX-301B.
- ▶ Option
  - Special coating stainless-steel pot

Option

**Special coating solder pot:** The special coating is for getting a long life by preventing the corrosion of the solder pot. We confirmed that the special coating solder pot had five times longer life than the standard one by our anti-corrosion test. It effects on both lead-free solder and solder with lead (eutectic).

\*Because the anti-corrosion test was done by our way, longevity of solder pot may be different according to the usage condition.

## ▶ Thermal Recovery Time Compared with Conventional Model



### Easy pot replacement

The pot can be easily replaced by just loosening a screw. One unit can be used for various applications by changing pots for each solder type or by using pots of different sizes (50mm x 50mm or 75mm x 75mm square).

\* For your safety, be sure to wait for solder to completely cool down before replacing the pot.



### Packing List

Part No.	Packing List
FX300	HAKKO FX-300 (with soldering pot: 50mm x 50mm square; Part No.A1517), Spatula, J-shaped Waste Collector, Hexagon Wrench, Instruction Manual

\* 75mm x 75mm square pot or special coating pot is an optional

accessory and should be purchased separately. See the page for optional parts.

## Specifications

Main Unit		
Pot Size	50mm x 50mm Square	75mm x 75mm Square (*)
Power Consumption	100V-195W, 110V-220W, 120V-200W, 220V-190W, 230V-205W, 240V-215W	
Temperature Range	200 - 450 °C (400 - 840 °F)	200 - 380 °C (400 - 720 °F)
Pot Dimensions	50(W) x 50(D) x 43.5(H)mm	75(W) x 75(D) x 52.5(H)mm
Molten Solder Capacity	0.85kg	1.2kg
Weight (w/o Solder and Cord)		1.7kg
Outer Dimensions	143(W) x 220(D) x 100(H)mm	

## Replacement Parts



### Notes for purchase

- Solder pots: 75mm x 75mm square pots and special coating pots are optional accessories.
- Heating element: Right and left shapes are different. Be sure to check with the shop where you purchased main unit.

Heating element/Right: with red tubes



Heating element/Left: with white tubes



### Heating Element Replacement Method

Part No.	Name	Specifications
A1517	Solder Pot 50(W) x 50(D) x 43.5(H)mm	50mm x 50mm Square
B2919	J-shaped Waste Collector	
B2932	Spatula	
B1417	Hexagon Wrench	
B1134	Fuse Holder	

B3348 Knob  
B2928 Solder Bath Tray

● Option

Part No.	Name	Specifications
A1518	Solder Pot 75(W) x 75(D) x 52.5(H)mm	75mm x 75mm Square
A1539	Special Coating Solder Pot 50(W) x 50(D) x 43.5(H)mm	50mm x 50mm Square
A1540	Special Coating Solder Pot 75(W) x 75(D) x 52.5(H)mm	75mm x 75mm Square (*)
A1310*	Temperature probe for soldering pot	

\* Use A1310 together with HAKKO FG-100 or HAKKO FG-101.  
Correct temperature setting method

▶ **Special Coating Solder Pot:**

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Standard solder pot



Special solder pot

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