HAKKO FX-300

Lead-free-solder compatible compact analog soldering pot

Maintenance Method

Available in:

Japan | North America | EU | Oceania | Asia | Other Countries

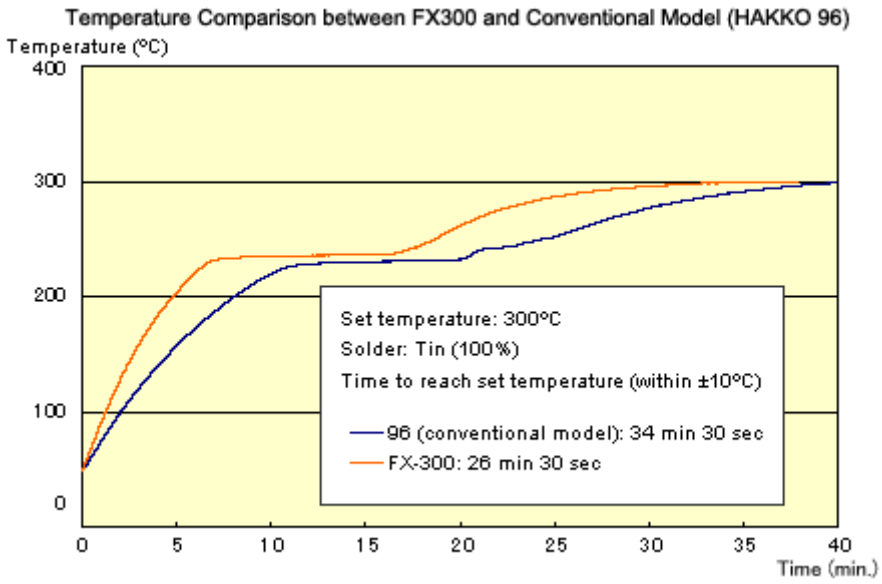
Features

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 ℃ (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 ℃ (400 - 840 ℉)	200 - 380 ℃ (400 - 720 ℉)
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:

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.

Standard solder pot

Special solder pot