



- Analog-type low-cost model
- Temperature can be adjusted just by turning a knob during the operation
- It becomes compatible with lead-free solder by adding an optional specially-coated stainless-steel pot

## Specifications

<b>Model No.</b>	<b>FX300</b>
<b>Power consumption</b>	195W
<b>Weight</b>	1.7kg
<b>Dimensions</b>	143(W)×100(H)×220(D)mm

### • Pot

<b>Temperature range</b>	50×50 square : 200-450°C
	75×75 square : 200-380°C
<b>Dimensions of solder pot</b>	50×50 square : 50(W)×43.5(H)×50(D)mm
	75×75 square : 75(W)×52.5(H)×75(D)mm
<b>Molten solder capacity</b>	50×50 square : 850g
	75×75 square : 1,200g

\* Weight (w/o solder,code)

\* Only a 50×50 square solder pot is included in this product. The 75×75 square solder pot is an optional part.

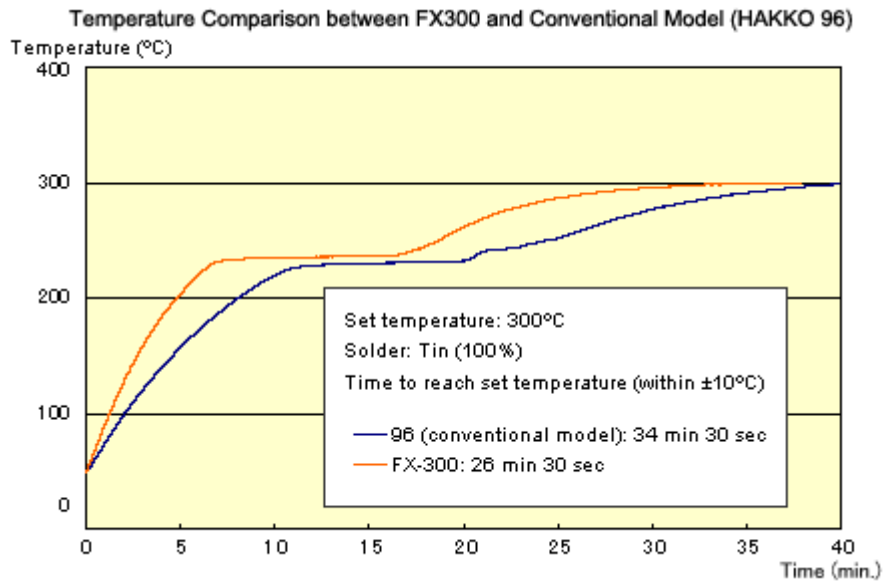
## Packing List

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.

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).



- ❖ 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.

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.



[\\* Click to enlarge](#)



[\\* Click to enlarge](#)

- ❖ If a digital soldering pot is required, see the [HAKKO FX-301B](#).
- ❖ 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.







Standard solder pot



Special solder pot

**Replacement Parts**

	Part No.	Name	Specifications
	B1417	Hexagon wrench	2.5mm
	B2919	J-shaped waste collector	
	B2932	Spatula	
	A1517	Solder pot / 50x50	



**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



**Option**

	Part No.	Name	Specifications
	A1539	Solder pot / 50x50 durable type	



A1518 Solder pot / 75x75



A1540 Solder pot / 75x75 durable type



A1310 Temperature probe

for soldering bath & pot

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

**Indicated temperatures are lower. Solder is not melted.**

**<For HAKKO FX-300> The following two causes are assumed:**

**Cause1 : The solder pot is not firmly fixed in position.**

Unless the solder pot is firmly fixed, the heating element is not fully heated. Check that the screws on the both sides of the pot are fully tightened.

**Cause2 : It is possible that the heating element is broken or deteriorated.**

The heating element gradually deteriorates and becomes broken with use.

**If the heating element is broken or deteriorated:**



Check whether the left or right heating element is broken and replace the broken one with a new one.

### 1. Heating element breakage check method:

- A. Measure resistance of left and right heating elements.
- B. Replace the heating element whose resistance is infinite with a new one.

Heating element / Right: with red tubes



Heating element / Left: with white tubes



### 2. Heating element replacement method:

Replacement method : Refer to the instruction manual included with the heating element.  
(Replacement can be performed without soldering.)

Necessary tools : Crosspoint screwdriver

\* Purchase replacement parts from the shop where you purchased main unit.

**If the heating element is not broken:**



Send the unit to the place of purchase for repair.