



- With parameter setting function that enables the optimal temperature setups for respective types of solders
- Soldering pot coated by special long-life material, which is best suited for lead-free solder, is provided as a standard feature
- Digital display ensures reliable temperature control and realizes precise temperature adjustment

Specifications

Model No. FX301B

Power consumption 200W

Weight 1.7kg

Dimensions 143(W)×100(H)×220(D)mm

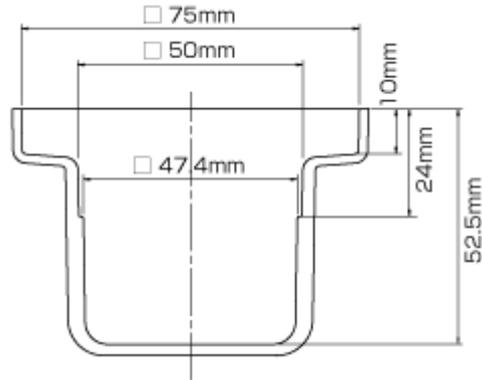
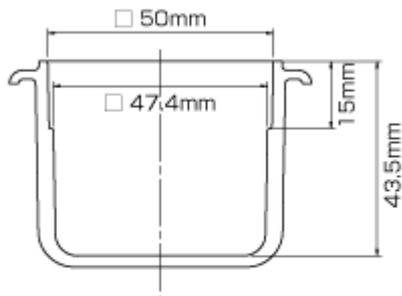
• Pot

Temperature range 50×50 square : 200-450°C
75×75 square : 200-380°C

Dimensions of solder pot 50×50 square : 50(W)×43.5(H)×50(D)mm
75×75 square : 75(W)×52.5(H)×75(D)mm

Molten solder capacity 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
FX301B	Unit (with solder bath: 50 × 50 square), Spatula, J-shaped Waste Collector, Hexagon Wrench, Instruction manual

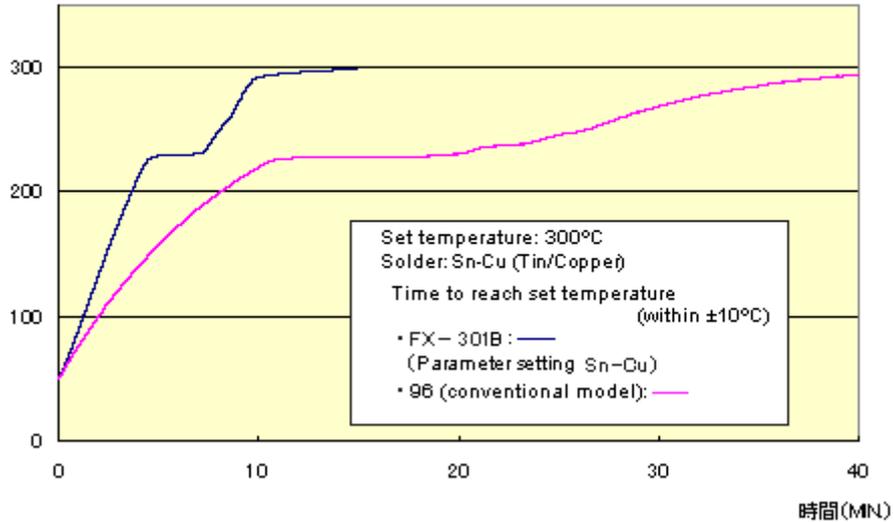
Features

FX-301B contains long-life "special coating solder pot" as a standard feature.

- ❖ Special coating stainless solder pot
 - * Anti-corrosion effect enables the pot last 5 times longer than the conventional one.(By our anti-corrosion test)
 - * Be effective on both lead-free solder and solder with lead (eutectic).
- ❖ Environmentally-friendly design
 - * Heating element parted left and light enables to be replaced separately.
 - * Enables to reduce the amount of solder usage and solder dross
- ❖ Selectable heating program (Suitable for various kinds of solder)
 - * Selectable heating programs allows to get optimum temperature quickly.
 - * Select from four heating programs: Sn-Pb (Tin/Lead), Sn-Ag-Cu(Tin/Silver/Copper), Sn-Cu (Tin/Copper), and Sn (Tin).
- ❖ Precise temperature control
 - * The digital display ensures reliable temperature control, and offset function.
- ❖ Easy pot replacement
 - * Just loosen the two screws to replace the pot. Use different pots for different composition solder, or different pot sizes (50mm square and 75mm square).
- ❖ Convenient timer function
 - * A timer function helps you keep tabs on how long the soldering pot has been in use, making it easy to judge the time for pot replacement.

❖ Thermal Recovery Time Compared With Conventional Model

Temperature Comparison between FX301B and Conventional Model(HAKKO 96)
Temperature (°C)



❖ Parameter setting for solder

A timer function helps you keep tabs on how long the soldering pot has been in use, making it easy to judge the time for pot replacement.

* The composition of the solder is shown as a guide. Select the composition which is the most closest to the solder to be used.

❖ Easy pot replacement

The pot can be easily replaced by just removing the screws. One unit can be used in various applications by changing pots for each solder type or by using pots of different sizes (50 × 50 or 75 × 75 square).

* For your safety, be sure to replace the pot after the solder completely cools.



Loosen the screw on both sides.



Change the pots and tighten the screws

	Part No.	Name	Specifications
	B1417	Hexagon wrench	2.5mm
	B2919	J-shaped waste collector	
	B2932	Spatula	
	A1539	Solder pot / 50x50 durable type	

Option

	Part No.	Name	Specifications
	A1517	Solder pot / 50x50	
	A1518	Solder pot / 75x75	
	A1540	Solder pot / 75x75 durable type	



A1310 Temperature probe for soldering bath & pot

Temperature probe for soldering pot



*A1310 is able to use together with [HAKKO FG-100](#) or [HAKKO FG-101](#).