



American Hakko Products, Inc.

PRODUCT BULLETIN

Bulletin No: PB525

Issue Date: 8-4-2026

Effective Date: 8-27-2026

Description/Title:

New FX-310 Wave Soldering Pot

Comments:

The HAKKO FX-310 Wave Soldering Pot is the official replacement for the original HAKKO 485 Solder Fountain, which was discontinued in August 2024 (Ref PB476).

The HAKKO FX-310 is a vast improvement over its predecessor, featuring a two-part design allowing the main unit to feature a flat top to accommodate larger PCBs. The impeller system has been improved to allow for greater solder volume to support larger nozzles. New NP01 Series Nozzles now feature a bayonet-type connection, and custom nozzles can now be made in very complex configurations, unlike nozzles of the past.

The solder pot design supports a higher maximum temperature of 380°C, an enclosure that helps reduce oxidation of the solder, and a nitrogen input to inert the pot. It also features a leak detection similar to the feature found on the HAKKO FX-305 Digital Solder Pot (Ref PB461). The main unit also features easy-to-see indicator lights for the system status.

The controls for the system are in a separate module that features a large, easy-to-read backlit graphic display, a simple dial control that allows you to set the temperature, flow rate, flow time, and the slow down setting to control the descent of the solder away from the PCB, and a foot switch to start and stop the system. Up to 5 user-programmable presets can be set for various combinations of the different settings. The digital control also features a customizable lockout that can prevent access to select settings as well as a full lockout on all settings, a runtime monitor for the heaters and the impeller system to help keep track of periodic maintenance, and an Ethernet port to support HAKKO Control Software for setup, management, and monitoring of the system from a PC

Part No:

FX310-010



Specification:

Model No.	FX-310
Part No.	FX310-010
Input Voltage	120 VAC 50/60 Hz
Power Consumption	1050 W
Temperature Range	150°C – 380°C (300°F – 720°F)

Control Unit

Power Consumption	50 W
Dimensions (W x H x D)	253 x 107 x 248 mm (10 x 4.2 x 9.8 in)
Weight (w/o Cords)	2.3 kg (5.1 lb)

Main Unit

Power Consumption	1000 W
Dimensions (W x H x D)¹	350 x 210 x 480 mm (13.8 x 8.3 x 18.9 in)
Weight (w/o Cords)²	18 kg (39.7 lb)
Solder Pot Capacity³	Approx 10 kg (22 lb)

¹ – Measured with adjustable feet fully extended. Minimum height is 190 mm (7.5 in)

² – Weight does not include solder

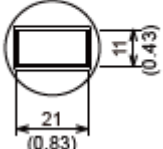
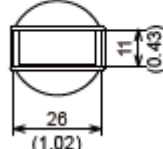
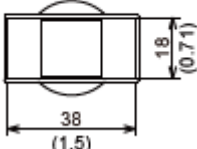
³ – Capacity is based on the weight of 63/37 solder

Contents:

Part No.	Description
–	FX-310 Main Unit
–	FX-310 Control Unit
B5042	Power Cord
B5400	Connecting Cable for Power
B5401	Connecting Cable for Control
B5402	Sensor Cable
B1649	Foot Switch
B2932	Spatula
B5404	Dross Tray
B5403	Circular Bubble Level
–	Instruction Manual

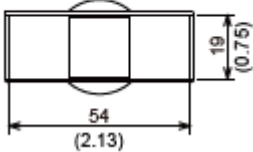
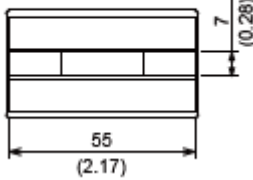
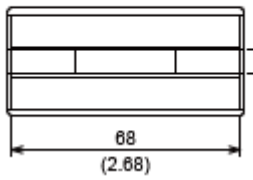
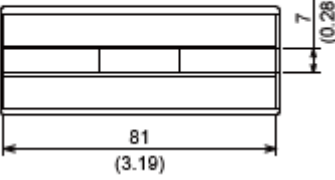
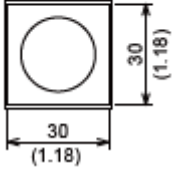
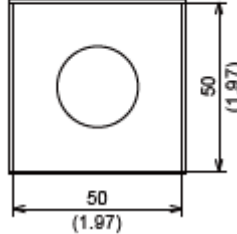
Nozzles (Optional):

Unit: mm (in)

NP01-A2111 	NP01-A2611 	NP01-A3818 
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Nozzles (Optional) – Continued

Unit: mm (in)

NP01-A5419 	NP01-A5507 	NP01-A6807 
NP01-A8107 	NP01-A3030 	NP01-A5050 

For more information, please visit www.HakkoUSA.com or call 1-800-88-HAKKO (42556)