



American Hakko Products, Inc.

PRODUCT BULLETIN

Bulletin No: PB461

Issue Date: 9-12-2022

Effective Date: 10-3-2022

Description/Title:


New HAKKO FX-305 Digital Solder Pot

Part No:

FX305-03, A5067, A5068, A5069



Specification:

Model	FX-305		
Part No.	FX305-03		
Input Voltage	120 VAC 50/60 Hz		
Power Consumption	575W		
Crucible Size	50 x 50 mm	75 x 75 mm	100 x 100 mm
Crucible Dimensions	50 x 50 x 42.5 mm (2.0 x 2.0 x 1.7 in.)	75 x 75 x 42.5 mm (3.0 x 3.0 x 1.7 in.)	100 x 100 x 53 mm (3.9 x 3.9 x 2.1 in.)
Solder Capacity	0.85 kg (1.87 lb.)	1.9 kg (4.19 lb.)	2.75 kg (6.06 lb.)
Temperature Range	50°C – 530°C (120°F – 990°F)	50°C – 500°C (120°F – 940°F)	50°C – 450°C (120°F – 840°F)
Temperature Stability	±5°C (±9°F) at idle		
ESD Safe	Yes		
Safety Approval			
Dimensions (W x H x D)	162 x 100 x 239 mm (6.4 x 3.9 x 9.4 in.)		
Dimensions w/Safety Cover (W x H x D)	162 x 123 x 239 mm (6.4 x 4.8 x 9.4 in.)		
Weight	2.5 kg (5.5 lb.)		

AHP14 Rev 2022-09

Contents:

Part No.	Description
--	FX-305 Solder Pot (Base Unit)
A5068	75 x 75 mm Long Life Crucible
B1416	2 mm Hex Wrench
B2419	Power Cord
B2919	Solder Waste Collector
B2932	Spatula
B5129	USB Cable
B5322	Solder Pot Cover
--	Instruction Manual
--	CD-ROM with HAKKO Control Software

Crucible Profiles

A5067	A5068	A5069
<p>Sold Separately</p>		<p>Sold Separately</p>

Comments:

The HAKKO FX-305 Digital Solder Pot is the next generation benchtop solder pot that includes new safety features and improves the serviceability of the station. Like its predecessor, the FX-305 uses extended life crucibles and includes smart control of the heating of the solder based on the alloy in the crucible. This mitigates the potential for solder erupting from the crucible. Also included is a user programmable timer to notify you when the crucible needs to be rotated and/or replaced.

New to the HAKKO FX-305 are:

- New splash guard that easily covers the top of the unit to prevent an object from being dropped into the molten solder and creating a splash, or accidentally coming into contact with the molten solder when in use. The splash guard also mitigates solder eruptions in the event of an alloy/setting mismatch.
- New optional bench mounting brackets to secure the unit in place on the benchtop to prevent it from being moved and the sloshing of the molten solder.
- Increased power for reduced heat up time and higher maximum solder temperatures
- Improved 75 x 75mm crucible with straight walls and a new larger 100 x 100mm crucible.
- New large and easy to read backlit LCD display
- New IR communication port that supports automatic offset with the FG-100B Tip Thermometer and FG-101B System Tester

- New USB port and HAKKO Control Software that provides computer setup and control of the solder pot and calibration data acquisition.
- Improved unit design with improved heater cores and easy access for service.

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