



American Hakko Products, Inc.

# PRODUCT BULLETIN

**Bulletin No:** PB461

**Issue Date:** 9-12-2022

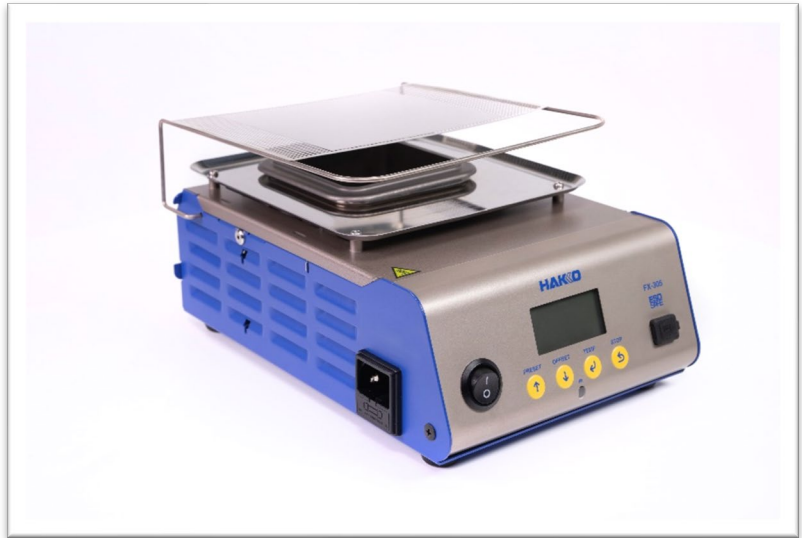
**Effective Date:** 10-3-2022

**Description/Title:**


New HAKKO FX-305 Digital Solder Pot

**Part No:**

FX305-03, A5067, A5068, A5069



**Specification:**

<b>Model</b>	FX-305		
<b>Part No.</b>	FX305-03		
<b>Input Voltage</b>	120 VAC 50/60 Hz		
<b>Power Consumption</b>	575W		
<b>Crucible Size</b>	50 x 50 mm	75 x 75 mm	100 x 100 mm
<b>Crucible Dimensions</b>	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.)
<b>Solder Capacity</b>	0.85 kg (1.87 lb.)	1.9 kg (4.19 lb.)	2.75 kg (6.06 lb.)
<b>Temperature Range</b>	50°C – 530°C (120°F – 990°F)	50°C – 500°C (120°F – 940°F)	50°C – 450°C (120°F – 840°F)
<b>Temperature Stability</b>	±5°C (±9°F) at idle		
<b>ESD Safe</b>	Yes		
<b>Safety Approval</b>			
<b>Dimensions (W x H x D)</b>	162 x 100 x 239 mm (6.4 x 3.9 x 9.4 in.)		
<b>Dimensions w/Safety Cover (W x H x D)</b>	162 x 123 x 239 mm (6.4 x 4.8 x 9.4 in.)		
<b>Weight</b>	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](http://www.HakkoUSA.com) or call 1-800-88-HAKKO (42556)