

American Hakko Products, Inc.

PRODUCT BULLETIN

 Bulletin No:
 PB461

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Description/Title:

New HAKKO FX-305 Digital Solder Pot

Part No:

FX305-03, A5067, A5068, A5069



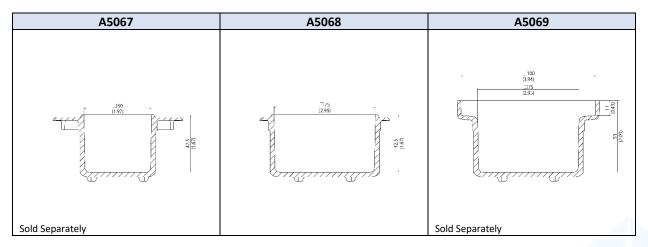
Specification:

Model	FX-305		
Part No.	FX305-03		
Input Voltage	120 VAC 50/60 Hz		
Power	575W		
Consumption	5/579		
Crucible Size	50 x 50 mm	75 x 75 mm	100 x 100 mm
Crucible	50 x 50 x 42.5 mm	75 x 75 x 42.5 mm	100 x 100 x 53 mm
Dimensions	(2.0 x 2.0 x 1.7 in.)	(3.0 x 3.0 x 1.7 in.)	(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	50°C – 530°C	50°C – 500°C	50°C – 450°C
Range	(120°F – 990°F)	(120°F – 940°F)	(120°F – 840°F)
Temperature	±5°C (±9°F) at idle		
Stability			
ESD Safe		Yes	
Safety Approval		\frown	
	(MET)»		
		cus	
Dimensions	162 x 100 x 239 mm		
(W x H x D)	(6.4 x 3.9 x 9.4 in.)		
Dimensions		162 x 123 x 239 mm	
w/Safety Cover	(6.4 x 4.8 x 9.4 in.)		
(W x H x D)		(0.4 × 4.0 × 5.4 111.)	
Weight	2.5 kg (5.5 lb.)		

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

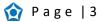


Comments:

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)