



# FX-305

## DIGITAL SOLDER POT

The **HAKKO FX-305 Digital Solder Pot** includes a standard 75 x 75 mm crucible and is perfect for tinning leads and soldering components. The FX-305 features a maximum temperature setting of 990 °F / 530 °C, a new 100 x 100 mm crucible size, an LCD interface, and HAKKO Control Software that makes setting parameters and temperature fast and easy.



SOLDERING



### FEATURES & BENEFITS

- 3 crucible sizes, 50 x 50 mm, 75 x 75 mm, & 100 x 100 mm
- Easy pot replacement and new safety cover above solder pot
- LCD digital display; max temp of 990 °F
- Hakko Control Software to easily set parameters and temperature settings
- Wireless IR Auto-Cal feature (with use of FG-100B/101B)
- Solder leak detection sensor added in for safety
- 5 different heating programs for optimum temperature settings: Sn-Pb, Sn-Ag-Cu, Sn-Cu, Sn, and Sn-Bi



### SPECIFICATIONS For Part No. FX305-03

<b>Power Consumption</b>	575 W		
<b>Temperature Stability</b>	±9 °F / ±5 °C at idle		
<b>Weight</b>	5.5 lb / 2.5 kg		
<b>Crucible Size</b>	<b>50 x 50 mm</b>	<b>75 x 75 mm</b>	<b>100 x 100 mm</b>
<b>Temperature Range</b>	120 °F - 990 °F / 50 °C - 530 °C	120 °F - 940 °F / 50 °C - 500 °C	120 °F - 840 °F / 50 °C - 450 °C
<b>Crucible Dimensions (W x H x D)</b>	2.0 x 2.0 x 1.7 in. / 50 x 50 x 72.5 mm	3.0 x 3.0 x 1.7 in. / 75 x 75 x 42.5 mm	3.9 x 3.9 x 2.1 in. / 100 x 100 x 53 mm
<b>Outer Dimension (W x H x D)</b>	6.4 x 3.9 x 9.4 in. / 162 x 100 x 239 mm		
<b>Outer Dimension (W x H x D) w/Safety Cover</b>	6.4 x 4.8 x 9.4 in. / 162 x 123 x 239 mm		

### FX305-03 DIGITAL SOLDER POT

Includes everything shown in picture.

**SOLDER POT SAFETY COVER**  
P/N: B5322

**75 x 75 mm CRUCIBLE**  
P/N: A5068

**J-SHAPED WASTE COLLECTOR**  
P/N: B2919

**SPATULA**  
P/N: B2932

**USB CABLE**  
P/N: B5129

**POWER CORD**  
P/N: B2419

**CD-ROM for HAKKO Control Software**



### CONTENTS For Part No. FX305-03

Part No.	Description
--	Soldering pot unit
<b>A5068</b>	Standard 75 x 75 mm long life crucible
<b>B2932</b>	Spatula
<b>B5129</b>	USB cable
<b>B1416</b>	Hexagon wrench
<b>B2919</b>	J-Shape waste collector
<b>B2419</b>	Power cord
<b>B5322</b>	Solder pot safety cover
---	Instructional manual
---	CD-ROM for HAKKO control software



### ACCESSORIES For Part No. FX305-03

Part No.	Description
<b>A5067</b>	50 x 50 mm extended life crucible
<b>A5069</b>	100 x 100 mm extended life crucible
<b>B5324</b>	Safety bench mount bracket
<b>B5325</b>	Temperature probe fixture
<b>A1310</b>	Probe

### HAKKO CONTROL SOFTWARE

New HAKKO Control Software allows the operator to set parameters, profiles, temperature and other settings from a PC. To download the Hakko Control Software visit us at: <https://hakkousa.com> or [Scan QR Code](#).





**PROBE + FIXTURE\***  
*\*Sold Separately - As an Accessory*  
 P/N: A1310 & B5325



**SAFETY BENCH  
 MOUNT BRACKET**  
*\*Sold Separately*  
 P/N: B5324

SOLDERING

# FX-305 CRUCIBLES



**50 x 50 mm CRUCIBLE\***  
 P/N: A5067  
*\*Sold Separately*



**75 x 75 mm CRUCIBLE**  
 P/N: A5068 (Included)



**100 x 100 mm CRUCIBLE\***  
 P/N: A5069  
*\*Sold Separately*



**FG-100B  
 THERMOMETER**  
 P/N: FG100B-03  
 see page 94



**FG-101B  
 THERMOMETER**  
 P/N: FG101B-03  
 see page 95



## CRUCIBLES

A5067	A5068	A5069

Using the FG-100B Thermometer and FG-101B Soldering Iron Tester you can automatically change the offset value with an IR sending function.