



American Hakko Products, Inc.

PRODUCT BULLETIN

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Product Description:
HAKKO FX-100 Soldering Station

Part No:
FX100-04, FX1001-51, FX1001-52

Specification:



Soldering Station Specifications	
Model	FX-100
Part No.	FX100-04
Power Consumption	85W 120V
Output Power	50W
Output Frequency	13.56 MHz
Temperature Stability & Accuracy	Meets or Exceeds IPC J-STD-001
Safety Approval	
Weight	3.0 kg (6.6 lb.)
Dimensions (L x W x H)	210 x 49 x 226 mm (8.3 x 1.9 x 8.9 in.)

Soldering Iron Specifications	
Model	FX-1001
Part No.	FX1001-51
Tip to Ground Resistance	<2Ω
Tip to Ground Potential	<2mV
Heating Element	High Frequency Induction-Type
Tips (not included)	T31-01 Series 450°C (840°F) T31-02 Series 400°C (750°F)
Weight (w/o cord)	31 g (0.07 lb.) w/T31-02D24 Tip
Length (w/o cord)	190 mm (7.5 in.) w/T31-02D24 Tip
Reach	1.3m (4.3 ft.)

Contents	
Part Number	Description
FX100-04	FX-100 Soldering Station w/ FX-1001 Soldering Iron
FH800-51BY	Iron Holder
B2300	Heat Resistant Pad
B2419	Power Cord
B5006	Yellow Soldering Iron Grip (installed)
B5007	Green Soldering Iron Grip
B5008	Grey Soldering Iron Grip

For additional information:

- End-User Customers – Call Customer Support at 1-800-88-HAKKO (42556)
- Authorized Distributors – Call Distributor Support at 661-294-0090

From...

American Hakko Products, Inc.
28920 Avenue Williams.
Valencia, CA 91355
Tel: (661) 294-0090
Fax: (661) 294-0096
www.HakkoUSA.com
AHP14 Rev 2007-12



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T31 Series Tips		
T31-xxBC1 SHAPE-1BC 	T31-xxBC28 SHAPE-2.8BC 	T31-xxBL SHAPE-BL
T31-xxD08 SHAPE-0.8D 	T31-xxD16 SHAPE-1.6D 	T31-xxD24 SHAPE-2.4D
T31-xxD52 SHAPE-5.2D 	T31-xxI SHAPE-I 	T31-xxIL SHAPE-IL
T31-xxJ02 SHAPE-0.2RSB 	T31-xxJL02 SHAPE-0.2RLB 	T31-xxJS02 SHAPE-0.2RSSB
T31-xxKU SHAPE-KU 	T31-xxSBL SHAPE-SBL 	T31-xxWD08 SHAPE-0.8WD

NOTE: xx:01 = 450°C (840°F) | xx:02 = 400°C (750°F)

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Comments:

The new HAKKO FX-100 Soldering Station brings induction heating soldering technology to an even higher performance level. It is a small, compact, and very simple to use soldering station that uses an advanced system design to optimize the output power to the soldering iron tip to there is no loss of power in the form of heat within the soldering station. The new T31 Series soldering iron tips use a highly precise manufacturing and process control method that allows for a more repeatable tip temperature between not only the same tip shape, but even between tips of different shapes within the same series.

The HAKKO FX-100 Soldering Station includes an Auto Power Assist feature allowing it to recover faster and have a higher throughput than other soldering stations, and the BOOST recovery mode allows for a bit more power when needed when working on solder joints attached to ground.

The T31 Series tips are constructed with iron plating similar to that of the HAKKO T15 Series tips, allowing FX-100 users to experience HAKKO's renowned tip life for themselves but make use of new induction heaters that are precisely tuned and highly responsive with excellent power output.

The HAKKO FX-100 Soldering Station also has the lowest EMI levels of all induction heating soldering stations and meets all applicable standards, especially for those working on extremely sensitive medical and aerospace applications.

Also included are – Auto Sleep and Auto Power Off features, Process indicator recorders for tip heater loads and tip running time, User programmable profiles to store useful information about the station setup such as Asset ID, Operator, and Solder information, and a Tip Change alarm.

For more information please visit us at www.HakkoUSA.com

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