

NEW FX100 – Induction Heating Soldering Station

The HAKKO FX-100 features IH (induction heater) that continuously powers the soldering iron and maintains the set temperature by automatically detecting even minute drops in temperature, plus HAKKO's proprietary Power Assist function.

The FX-100 achieves powerful thermal recovery even with fine-shaped tips. It provides excellent thermal responsiveness that conventional IH and sensor feedback systems cannot offer.

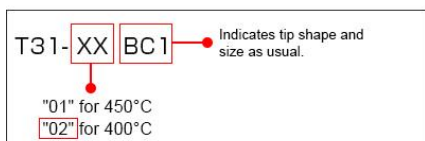


Features

- Easy to use
- No calibration necessary
- User-selectable power display
- Password lockout
- Tip sleep function reduces temperature during inactivity
- Backlit display
- Activity monitor
- User-programmable heating profiles
- Auto power-off safety feature
- Compact and stackable base station
- Slender and lightweight soldering iron with burn-resistant cord
- Compatible with T31 series tip cartridges
- Suited to a range of applications from micro-soldering to high-volume soldering

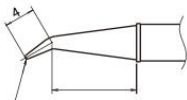
Unlike conventional temperature setting systems, every tip in the lineup is fixed at either 400°C or 450°C.

Selection of tips is as per below



Part No. and Drawing of Shape 0.2RSB Tip
Size and shape are exactly the same.

T31- 01 J 02
T31- 02 J 02



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Optional tip range

【T31-01 series of tip 450°C】

Part Number	Description
T31-01BC1	T31 soldering tip shape 1BC
T31-01BC28	T31 soldering tip shape 2.8BC
T31-01BL	T31 soldering tip shape BL
T31-01D08	T31 soldering tip shape 0.8D
T31-01D16	T31 soldering tip shape 1.6D
T31-01D24	T31 soldering tip shape 2.4D
T31-01D52	T31 soldering tip shape 5.2D
T31-01I	T31 soldering tip shape I
T31-01IL	T31 soldering tip shape IL
T31-01J02	T31 soldering tip shape 0.2RSB
T31-01JL02	T31 soldering tip shape 0.2RLB
T31-01JS02	T31 soldering tip shape 0.2RSSB
T31-01KU	T31 soldering tip shape KU
T31-01SBL	T31 soldering tip shape SBL
T31-01WD08	T31 soldering tip shape 0.8WD

【T31-02 series of tip 400°C】

Part Number	Description
T31-02BC1	T31 soldering tip shape 1BC
T31-02BC28	T31 soldering tip shape 2.8BC
T31-02BL	T31 soldering tip shape BL
T31-02D08	T31 soldering tip shape 0.8D
T31-02D16	T31 soldering tip shape 1.6D
T31-02D24	T31 soldering tip shape 2.4D
T31-02D52	T31 soldering tip shape 5.2D
T31-02I	T31 soldering tip shape I
T31-02I	T31 soldering tip shape I
T31-02IL	T31 soldering tip shape IL
T31-02J02	T31 soldering tip shape 0.2RSB
T31-02JL02	T31 soldering tip shape 0.2RLB
T31-02JS02	T31 soldering tip shape 0.2RSSB
T31-02KU	T31 soldering tip shape KU
T31-02SBL	T31 soldering tip shape SBL
T31-02WD08	T31 soldering tip shape 0.8WD

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Soldering station specification

Model Name	FX100
Part Number	FX100-18
Voltage	240V
Power Consumption	85W
Output Power	50W
Output Frequency	13.56 MHz
Weight	3.1 kg
Dimensions (W x H x D)	127 x 150 x 163 mm

Soldering Iron- Handpiece

Model Number	FX-1001
Part Number	FX1001-81
Tip-to-Ground Resistance	< 2 ohms
Tip-to-Ground Potential	< 2mV
Length of cord	1.2 m
Total Length with tip, w/o cord	190 mm
Weight (w/o cord)	31 g w/T31-02D24 tip
Tips (not included)	T31-01 Series = 450°C T31-02 Series = 400°C
Heating Element	High Frequency Induction-Type

Packed contents

Part Number	Description
FX100-18	FX-100 Soldering Station w/ FX-1001 Soldering Iron
FH800-81BY	Iron Holder
B2300	Heat resistant pad
B2426	3-wire Power Cord
B5006	Yellow Soldering Iron Grip (Installed)
N/A	Instruction Manual