# FX-100 <sub>歸</sub>

# GOOD DESIGN

# **IH Soldering Station**

















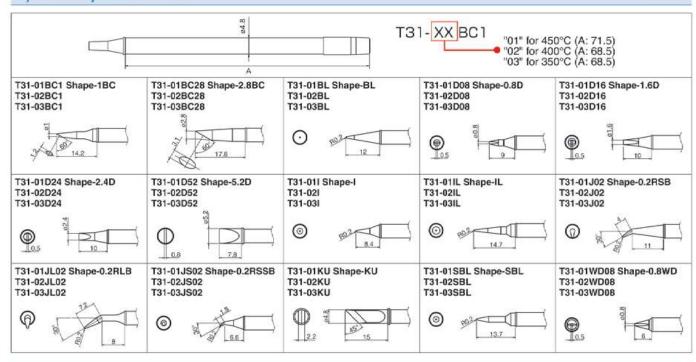




- Provides the heat to the tip effectively by an 'Induction heater'
- · Unique "Power assist" feature that assists the thermal recovery performance of the soldering iron tip
- · No calibration is required.
- · Wide variety of tips available
- Meets or exceeds IPC J-STD-001 and ANSI ESD S20.20.

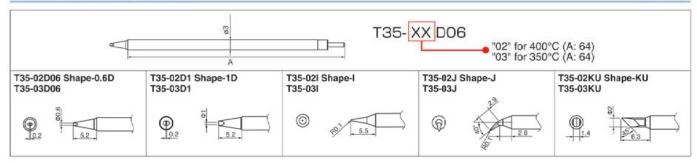
## Optional Tips for FX-1001

Unit: mm



## Optional Tips for FX-1002

Unit: mm



#### **Features**

IH (induction heater) for excellent thermal efficiency. Ideal for the most challenging soldering jobs.

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.



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.

#### **Boost function**

To increase tip temperature by 5 to 10°C (depends on tip shape) for better working efficiency.

# Interactive method by LCD display with 3 buttons PROFILE

PROFILE 1 S:HAKKO-1 U:ID-123 S:0.6 LEAD FREE Station ID, user name and solder type can be registered.

#### TIP LOAD



The soldering count is displayed.

#### TIP TIME



The cumulative running time on the iron tip is displayed.

#### TIP TYPE and NORMAL MODE/BOOST MODE



Visible tip type (01/02/03) and normal mode (N)/boost mode (B) on display

#### Connectable with micro soldering iron

For micro soldering applications under a microscope

## FX-1002 <sup>銀</sup>

## Micro Soldering Iron



Packing List	
FX-100	Station, Handpiece (FX-1001), Heat resistant pad, Power cord, Sleeve (green), Sleeve (gray), Cleaning wire, Iron holder, Instruction manual
FX-1002 (Conversion kit)	Handpiece, Sleeve (green), Heat resistant pad, Iron holder, Instruction manual

## **Specifications**

Model No.	FX-100
Power consumption	28 W (85 W)
Temperature range	T31-01 Series: 450°C, T31-02 Series: 400°C T31-03 Series: 350°C
Temperature stability	±1.1°C
Station	
Output power	50 W
Output frequency	13.56 MHz

# Dimensions 127 (W) × 150 (H) × 167 (D) mm Weight 3 kg

# Soldering Iron Tip to ground resistance <2 Ω</td> Tip to ground potential <2 mV</td> Heating element IH (Induction heating) Cord length 1.3 m Total length\* 190 mm with T31-02D24 or T31-03D24 tip Weight\* 31 g (with T31-02D24 tip)

<sup>·</sup> Without cord

Model No.	FX-1002
Temperature range	T35-02 Series: 400°C, T35-03 Series: 350°C
Tip to ground resistance	<2 Ω
Tip to ground potential	<2 mV
Heating element	IH (Induction heating)
Cord length	1.3 m
Total length*	166 mm (with T35-02D1 tip)
Weight*	21 g (with T35-02D1 tip)

Without cord