

Heavy Duty Soldering Station

FX-838 ESD SAFE

Heavy Duty Soldering Iron Digital

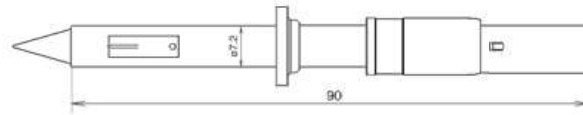
Tip not included



- High powered 150 W soldering iron
- Best suited for soldering of power-supply boards, heat sinks, and shield cases
- Applicable also to the soldering of multilayer boards with micro components

Optional Tips for FX-8301

Unit: mm

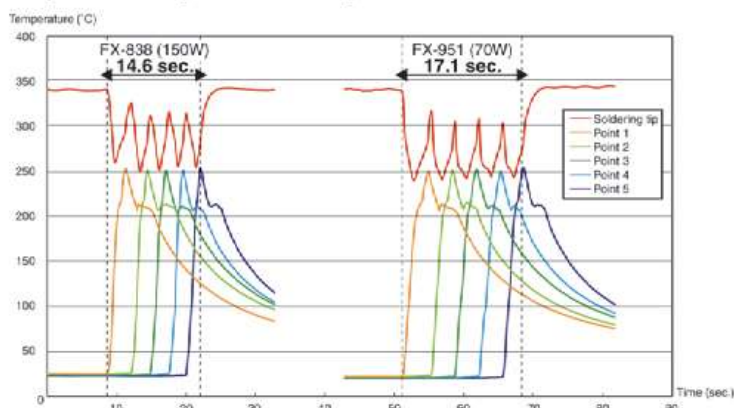


T20-B2 Shape-0.5B 	T20-BC2 Shape-2BC T20-BCF2* 	T20-BC3 Shape-3BC T20-BCF3* 	T20-BC4 Shape-4BC T20-BCF4* 	T20-BCM2 Shape-2BC Bevel with indent
T20-BCM3 Shape-3BC Bevel with indent 	T20-BL Shape-BL 	T20-BL2 Shape-2BL 	T20-BL3 Shape-3BL 	T20-C5 Shape-5C
T20-C6 Shape-6C 	T20-D16 Shape-1.6D 	T20-D24 Shape-2.4D 	T20-D32 Shape-3.2D 	T20-D6 Shape-6D
T20-J02 Shape-0.2J 	T20-K Shape-K 	T20-KU Shape-KU 	T20-1610 	T20-1611

* These tips are tinned on the soldering surface only.

Features

Graph of a comparison of the performance of FX-838 and a conventional station

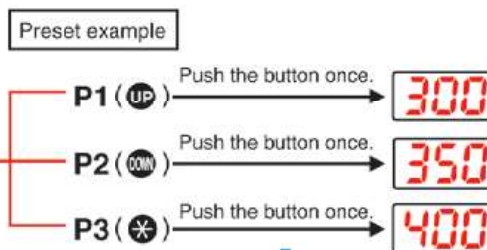


Test criteria

Measurement method	Thermocouples are mounted on the tip and the soldered portion on the board, and the time until the soldered portion reaches 250°C is measured for 5 points.
Board	Bakelite board
Component used	Terminal
Tip shape	Shape-1.6D
Temperature setting	340°C
Solder	Lead-free solder (Sn/Ag/Cu), diameter: 0.5 mm

Temperature preset mode

The temperature preset mode allows you to input three frequently-used temperatures in advance and recall them with one push of a button.



One push of a button can quickly recall each setting.

Connectable with N₂ soldering iron

To improve solder wettability and spreadability

FX-8302

N₂ Soldering Iron

Tip not included Please see the optional tips on P.50.



For further details, see the N₂ system (P.46 & P.47).

Specifications

Model No.	FX-838
Power consumption	158 W
Temperature range	200 to 500°C
Temperature stability	±5°C at idle temperature

Station

Output voltage	AC 27 V
Dimensions	110 (W) × 110 (H) × 205 (D) mm
Weight	3.2 kg

Soldering Iron

Power consumption	150 W (27 V)
Tip to ground resistance	<2 Ω
Tip to ground potential	<2 mV
Heating element	Ceramic heater
Cord length	1.2 m
Total length*	175 mm (with 2.4D tip)
Weight*	31 g (with 2.4D tip)

* Without cord

Model No.	FX-8302
Power consumption	150 W (27 V)
Temperature range	200 to 500°C
Tip to ground resistance	<2 Ω
Tip to ground potential	<2 mV
Heating element	Ceramic heater
Cord length	1.2 m
Total length*	195 mm (with 2.4D tip)
Weight*	41 g (with 2.4D tip and nozzle assembly D)

* Without cord and tube

Packing List

FX-838	Station, Handpiece (FX-8301), Control card, Power cord, Heat resistant pad, Connecting cable, Iron holder, Instruction manual
FX-8302	Handpiece, Instruction manual