

HFX601-1133C (FX-601)

Soldering Iron



Durable Strain Relief

Adjustable "Electronic" Temperature Control

- Closed loop temperature control
- Temperature control sensor in heater insures consistent and accurate temperature

Ergonomic lightweight handpiece

THIS IS NOT A RHEOSTAT



Ceramic Heating Element

- More powerful than the 556SE
- Heats up 5X faster than the 456
- Efficient (requires less energy)
- Less energy = less watts needed

240°C — 464°F

310°C — 590°F

360°C — 680°F

410°C — 770°F

460°C — 860°F

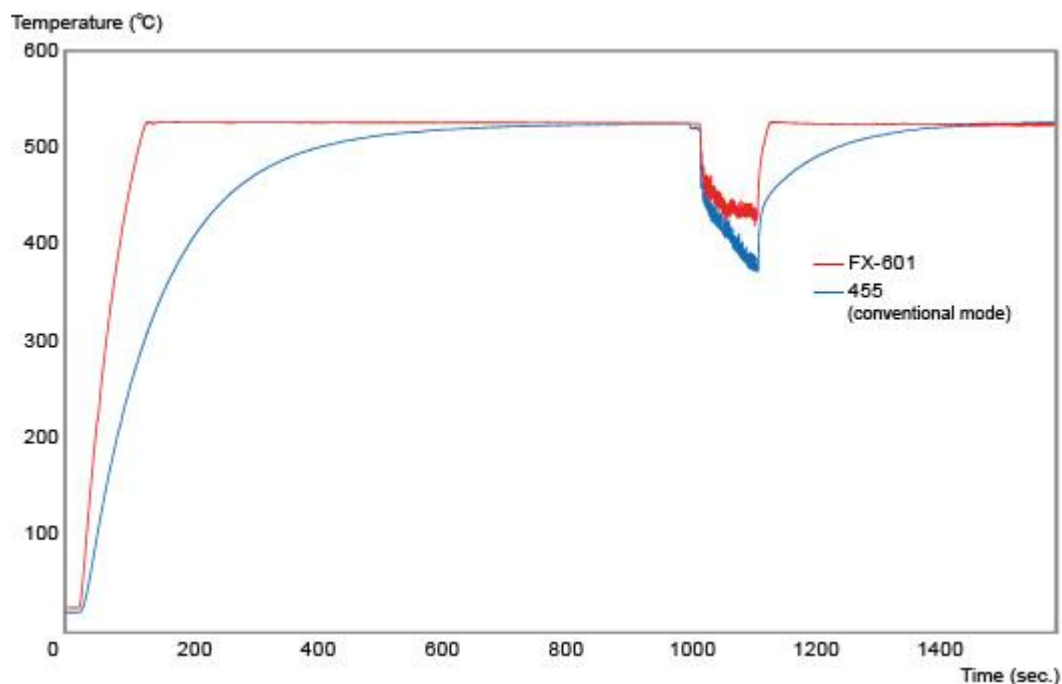
540°C — 1004°F

Description

- Maximum temperature 540°C
- Equipped with a newly designed tip which has a high thermal capacity
- Suitable to solder chassis, large connector, transformer, etc. which require a large amount of heat

Features

- Optimal for soldering work where a high amount of heat is required.
- Superior heat conductivity
- The improved T19 series soldering tip can achieve great heat recovery without increasing power consumption.



Test Criteria

Measurement method	A thermocouple is mounted on the tip and the tip temperature is measured when soldering $\Phi 1.6\text{mm} \times 5\text{mm}$ solder to paper phenol copper board once every 3 seconds.
Board	Paper phenol copper
Tip shape	Shape-5D
Solder	Lead-free solder (Sn / Ag / Cu), diameter: 1.6mm

* FX-601 is set at the same temperature of 455 by measuring the actual temperature.

- Compact and light weight
- FX-601 has excellent heat recovery and is compact, lightweight and well-balanced



HAKKO FX-601 and HAKKO456

Comparing with the conventional heavy duty iron, FX-601 is easy and simple to handle.

- LED informs you when the set temperature has been reached.



- | | | |
|-------------|---|---------------------------|
| Lighting |  | ---- Heating up |
| Blinking |  | ---- Temperature attained |
| No lighting |  | ---- Cooling down |

Packing list

Part No.	Packing List
No.FX-601	HAKKO FX-601, Lock key, Instruction manual

Specifications

Model No.	FX-601
Power consumption	AC100V: 47W AC110V: 56W AC120V: 67W AC220V: 42W AC230V: 46W AC240V: 50W
Temperature range	240 to 540°C
Temperature stability	±1°C at idle temperature
Tip to ground resistance	<2Ω
Tip to ground potential	<2mV
Heating element	Ceramic heater
Total length	237mm (with 2B tip)
Weight	68g (with 2B tip)

*Total length and weight (w/o cord)