HAKKO FX-888
SOLDERING STATION

Specifications

Model name		FX-888
Power consumption		70W
Temperature range		200 to 480°C
Temperature stability		± 1°C
Temperature setting lock type		Dial screw type
Station	Voltage	26V
	Dimensions	3.74"W x 4.65"H x 5.35"D
	Weight (w/o cord)	Approximately 2.86 lbs
Iron	Power consumption	65W (26V)
	Resistance between tip & ground	< 2Ω
	Tip to ground potential	< 2mV
	Cord	4 ft
	Total length (w/o cord)	7.48"
	Weight (w/o cord)	97 lbs

Heater output increased to 65W

Output has been increased by 30% compared to that of the HAKKO 936. The conventional tip design was reviewed and the shape was improved to provide more efficient heat transfer form the heating element. As a result, the thermal recovery time to 350°C is 20 seconds faster, and the drop in tip temperature during continuous work is reduced (Figure 1), enabling the time for performing the same work to be shortened (Figure 2) and work efficiency to be greatly increased.

Figure 1: Thermal Recovery Graph

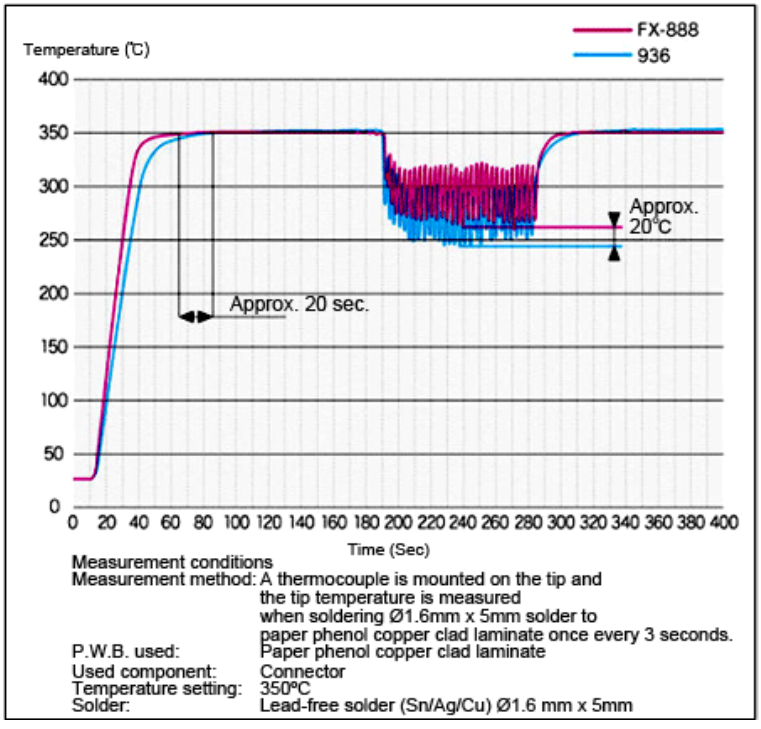
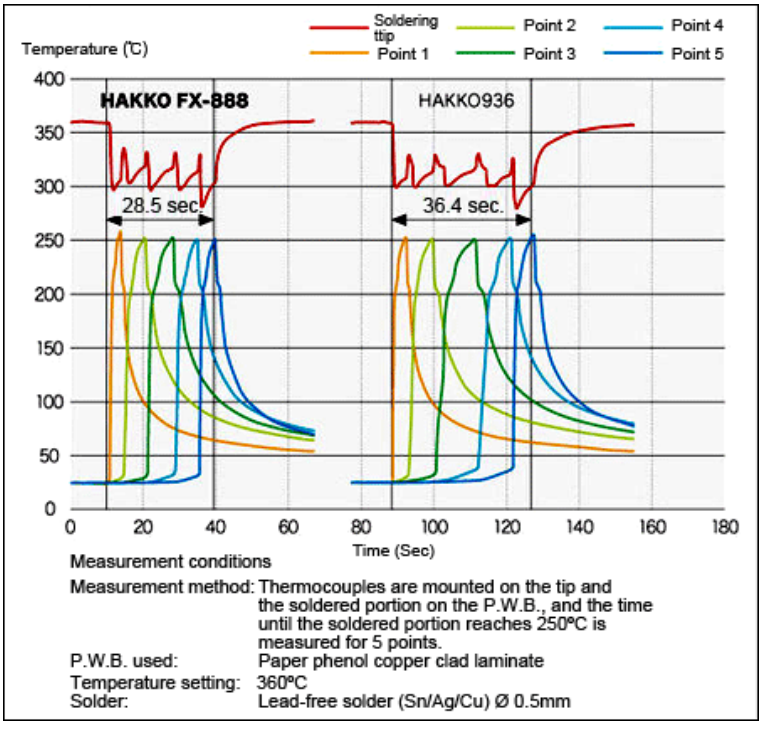


Figure 2: Performance comparison graph



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HAKKO

Design completely novel

Positioning the bottom contact points at close to the base outside perimeter as possible provides a stability making it possible to use it stably even in confined spaces.

Downsized to save space

The new FX-888 realizes space savings of approximately 50% in mounting area in comparison with conventional stations. It enables working space to be secured, which is an important factor with the introduction of cell production.

Comparison in size between FX-888 and HAKKO 936

Thermal calibration (CAL) screwdriver included

The calibration (CAL) screwdriver (resin) is stored in the bottom of station as a standard accessory. This enables temperature compensation to be adjusted easily and reduces the possibility of damage to the calibration volume.

Design improved for easier use

The corners of the iron holder base were rounded to prevent them from coming in contact with hand when storing the soldering iron. Further, a protective cap installed in the iron receptacle is provided to reduce sounds when storing the iron.

3 types of cleaning methods available in one iron holder

The following 3 cleaning methods can be performed by the cleaning tools included with the iron holder.

Cleaning sponge:
Residual solder and flux adhering on the tip can be wiped off by the sponge soaked with water.

Cleaning wire (option):
Residual solder and flux adhering on the tip is removed by inserting the tip into a thin metallic wire. This cleaning wire leaves an appropriate amount of solder on the tip end, which prevents the tip from being oxidized. Use without water prevents the tip temperature from decreasing rapidly or tip oxidation from being promoted.

Rubber cleaner:
Residual solder and flux adhering on the tip can be wiped off on the silicone rubber cleaner. Use without water prevents the tip temperature from decreasing rapidly or tip oxidation from being promoted.

The iron holder base is provided with a detachable waste collecting plate, which improves its maintainability.

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