Soldering station



Good Design Award has been a sole comprehensive design evaluation and commendation system in Japan since 1957. "G Mark", the symbol of the award has been recognized widely as a mark representing good design.

HAKOFX-100 SPE

IH Soldering station



- FX-100 provides the heat to the tip effectively by an 'Induction heater' In addition, it allows more efficient heat supply with a unique "Power assist" feature that assists the thermal recovery performance of the
- It exerts a great effect on multi-layer boards which have many micro/high-density components with ultra small soldering points and large ground planes
- No calibration is required
- Wide variety of tips available
- FX-100 meets or exceeds IPC J-STD-001 and ANSI ESD S20.20.

25 W (85 W)
T31-01 Series/450°C
T31-02 Series/400°C
Station
50 W
13.56 Mh
127(W)x150(H)x167(D) mm
3 Kg

Cord length	1.3 m
Length (w/o cord)	190 mm w/ T31-02D24 tip
Weight (w/o cord)	31 g w/ T31-02D24 tip

Soldering iron

Ideal for micro soldering Connectable soldering stations FM-206

HAKOFM-2032 SPE

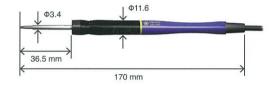
P/N: FM2032-52 Conversion kit including Handpiece, Iron holder, Heat resistant pad and Connecting cable

- Slender, lightweight handpiece
- Tip-to-grip distance optimized for operator dexterity under microscopes and magnifiers
- Tip geometries engineered for optimal heat transfer and areas difficult to reach
- For use with the Hakko FX-951, FM-203, and FM-206

Hand	piece
Power consumption	48 W
Temperature range	200 to 450°C
Tip to ground resistance	<2 Ω
Tip to ground potential	<2 mV

Heater	Composite heater
Cord length	1.3 m
Length (w/o cord)	170 mm w/ T30-D1 tip
Weight (w/o cord)	14 g w/ T30-D1 tip

*Tip is not included



Rework

HAKOFR-810 課

Digital hot air station



- New nozzle design with quick-change adapter
- Up to 5 user programmable presets for temperature and airflow
- Self-contained air supply
- Automatic safety cool down when placed in holder

	Station
Air flow	5 to 100 L/min with Ø4 mm nozzle
Temperature range	50 to 600°C
Dimensions	160(W)×145(H)×220(D) mm
Weight	1.3 Kg approx.

Handpiece	
Total length (w/o hose and nozzle)	220 mm
Weight (w/o cord)	180 g

attached to FR-810 with the new nozzle adapter which is an option part.

When FR-810 is fixed in rework fixture (C1392B), the adapter is required due to smaller diameter of FR-810 handle compared with FR-801/802/803B.

YOUR WORK DESERVES THE SPECIAL TOOLS OF HAKKO

Desoldering

HAKOFR-300





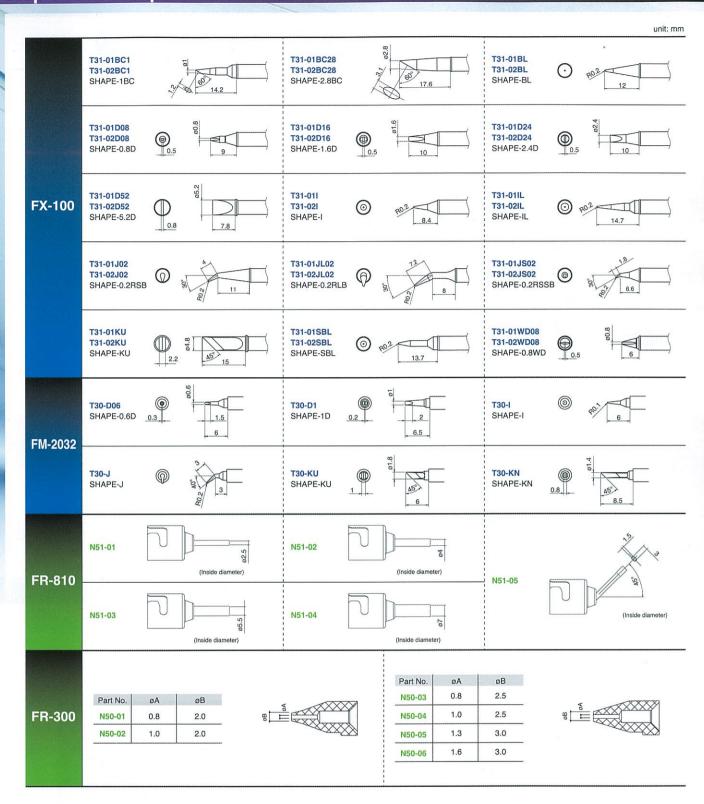
FR-300 is supplied in a carrying case with maintenance parts and simple iron holder

Power consumption	100 V/98 W (50/60 Hz)
	220 V/105 W (50/60 Hz)
	230 V/118 W (50/60 Hz)
	240 V/130 W (50/60 Hz)
Temperature range	350 to 500°C
Standard nozzle	Ø1.0 mm (N50-04)
Nozzle to ground resistance	<2 Ω
Nozzle to ground potential	<2 mV

Vacuum pump	Diaphragm pump
Vacuum pressure	81 kPa (610 mmHg)
Suction flow	11 L/min
Dimensions (w/o cord)	226(H)x210(W) mm
Weight	0.52 Kg

*New N50 Series nozzles can be used with Hakko's

Replacement tip/nozzle





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BE COMFORTABLE WITH SOLDERING