

HAKKO FR-803 SMD REWORK STATION



New Mechanism



To reduce temperature irregularity Easier operation to adjust in the vacuum pipe from the air outlet

- The heating conditions can be recreated due to the sensor feedback temperature control. 3 steps temperature profile can be set, allowing easier control for temperature, flow rate and time. Highly accurate job can be standardized.
- The airflow nozzle is provided with a new mechanism to reduce temperature irregularity.
- Comes with an airflow meter to allow more accurate and easier numerical control of the flow rate.
- The air outlet is equipped with a vacuum pipe.
- Comes with the auto cool down function. If the power is turned off and then continues to supply air until the temperature in the nozzle pipe decreases down to 100°C to protect the heating element.
- The power saving function (30 min/60 min/ can be selected) will automatically stop the hot airflow after a specific time passes.
- Comes with an offset function.
- Card lock function to lock the setting details.
- Space saving design.
- ESD safe by design.

Specifications

Model No.	FR-803
Power Consumption	100V-310W 110V-360W 120V-430W 220V-570W 230V-630W 240V-680W

Station

Power Consumption	30W (Stand-by power consumption 100-120V 4W, 220-240V 7W)
Capacity (Air blow)	5-20ℓ/min. (Max.)
Temperature Range	100-420°C (Use A1126B)
Modes	Manual /Auto
Timer	3 file/step
Dimensions	160(W) x 145(H) x 230(D)mm
Weight (w/o cord)	5kg

Handpiece

Power Consumption	100V-280W 110V-330W 120V-400W 220V-540W 230V-600W 240V-650W
Total Length (w/o hose)	200mm
Weight (w/o hose)	200g

Optional Nozzles

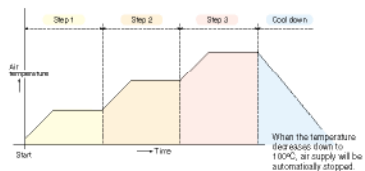
Please refer to page 49.

Packing List

Model Name	Contents
HAKKO FR-803	Station1
	Handpiece1
	Power cord1
	Handpiece holder1
	Control card1
	Vacuum pipe control knob(L)1
	Pad (ø3mm)2
	Pad (ø5mm)2
	Pad (ø7.6mm)2

*Nozzle is an optional part.

3 steps Temperature Profile



3-step 'temperature and time' are pre-programmed. Sensor feedback temperature control is adopted.

Optional Nozzles



Vacuum Function Operative Nozzles

A1125B QFP 10 x 10	A1126B QFP 14 x 14	A1127B QFP 17.5 x 17.5	A1128B QFP 14 x 20	A1129B QFP 28 x 28	A1135B PLCC 17.5 x 17.5 (44 Pins)	A1136B PLCC 20 x 20 (52 Pins)
A1137B PLCC 25 x 25 (68 Pins)	A1138B PLCC 30 x 30 (84 Pins)	A1139B PLCC 12.5 x 7.3 (18 Pins)	A1140B PLCC 11.5 x 11.5 (28 Pins)	A1141B PLCC 11.5 x 14 (32 Pins)	A1190B BQFP 19 x 17	A1191B BQFP 19 x 19
A1182B BQFP 24 x 24	A1184B SOJ 18 x 8	A1185B TSOL 13 x 10	A1186B TSOL 18 x 10	A1187B TSOL 18.5 x 8	A1259B SOP 13 x 28	A1260B SOP 8.6 x 18
A1261B QFP 20 x 20	A1262B QFP 12 x 12	A1188B PLCC 9 x 9 (20 Pins)	A1189B PLCC 34 x 34 (100 Pins)	A1203B QFP 35 x 35	A1214B SOJ 10 x 26	A1215B QFP 42.5 x 42.5
A1257B SOP 11 x 21	A1258B SOP 7.6 x 12.7	A1263B QFP 28 x 40	A1264B QFP 40 x 40	A1265B QFP 32 x 32	A1470 BGA 8 x 8	A1471 BGA 12 x 12
A1472 BGA 13 x 13	A1473 BGA 15 x 15	A1474 BGA 18 x 18	A1475 BGA 27 x 27	A1476 BGA 35 x 35	A1477 BGA 38 x 38	A1478 BGA 40 x 40

Vacuum Function Inoperative Nozzles

A1124B Single ø2.5	A1130 Single ø4.4	A1131 SOP 4.4 x 10	A1132 SOP 5.6 x 13	A1133 SOP 7.5 x 15	A1134 SOP 7.5 x 18	A1142B Bent Single 1.5 x 3
A1193 SOJ 15 x 8	A1100 Dual Single 2.5 x 9.5	A1101 SIP 25L	A1102 SIP 50L	A1325 Dual Single 1.5 x 5-10 Adjustable Pitch	The pitch between the two nozzles is adjustable.	