## FR-810B SMD HOT AIR REWORK SYSTEM

The **HAKKO FR-810B SMD Hot Air Rework System** has a compact and lightweight design (only 3.3 lbs.) and features a quiet, selfcontained turbine air supply and built-in SMD vacuum pickup. The new heating element design improves durability, provides a top end temperature of 600 °C (1120 °F). New N51 Series quick-change nozzles allow for tool-free installation and removal, and the integrated holder provides automatic safety cool down when the handpiece is not in use.

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## FEATURES & BENEFITS

- · Easy to read digital display for both temperature and air level
- Slender handpiece with integrated vacuum pick-up indicator that indicates when the component has been lifted from the PC Board
- The ability to store up to 5 user programmable presets for temperature, airflow and time
- New Chain Presets feature that allows the operator to link up to 5 presets to run in sequence, simulating a 5-heating zone reflow profile for SMD components
- Auto Sleep & Shut-off features
- Maximum airflow of 115 L/min
- Can be used with existing HAKKO Hot Air Nozzles
- Password Lockout to prevent unauthorized setup changes
- · Optional stand-alone holder with safety shield

FR-810B with C5027, optional board holder

and C5028, fixture system

Nozzle Series	N51 Series see page 78 & existing HAKKO Hot Air Nozzles see page 79 (Nozzles Sold Separately)	
Power Consumption	820 W	
Airflow Source	Turbine	
Airflow Capacity <sup>1</sup>	5 - 115 L/min	
Airflow Setting Range <sup>+</sup>	1 to 9 (5 - 115 L/min)	
Temperature Range <sup>2</sup>	120 °F - 1120 °F / 50 °C - 600 °C	
Dimensions (W x H x D)	6.3 x 5.7 x 8.7 in. / 160 x 145 x 220 mm	
Heater Power Consumption	790 W	
ESD Safe	Yes	

## CONTENTS For Part No. FR810B-05

Description

Part No.

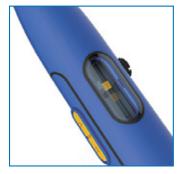
SPECIFICATIONS For Part No. FR810B-05

FR810B-05	FR-810B hot air rework station Heat resistant pad Large vacuum pipe knob (with screw) Handpiece holder Power cord Pad 3.0 mm (2 pcs) Pad 5.0 mm (2 pcs) Pad 7.6 mm (2 pcs) Instruction manual	B2300 B3023 B5048 B5054 A1520 A1439 A1438

<sup>+</sup> Values for airflow are approximate. Actual volume of airflow may be affected by the size and shape of the nozzle used.

<sup>1</sup> Airflow capacity is rated as free flowing. Restrictions created by various nozzles may reduce the maximum airflow capacity.

 $^{\rm 2}$  Under certain airflow and temperature conditions, the station may not attain the maximum allowable temperature selection.



Vacuum Pick-up Indicator



Part No.