



FR-850

MICRO HOT AIR STATION

The **HAKKO FR-850 Micro Hot Air Station** is a cutting-edge rework solution designed for precision in fine-component rework. Featuring a slim, ergonomic handle with an intuitive ON/OFF switch, it allows seamless operation under a microscope. With a wide temperature range of 120°F to 1150°F, adjustable airflow from 1.5 to 5 L/min, and six specialized nozzles, it excels in delicate rework tasks. Advanced features include an Auto-Offset Function, detachable handle, USB Type-C connectivity, and customizable presets. With a powerful 105W heater, it stands out as one of the most efficient and precise hot air stations available, ensuring quick and consistent results.



FEATURES & BENEFITS

- Set temperature range of 120 °F – 1150 °F
- Set Airflow range of 1.5~5 L/min.
- Designed after the FX-971, the FR-850 offers a noticeably more compact footprint than the former 851
- Communication via USB port (USB Type-C Connector)
- Auto-Offset Function linked with the thermometers
- Power consumption 112W



SPECIFICATIONS For Part No. FR850-81

Power Consumption	112W
Temperature Range	120 °F – 1150 °F / 50 °C – 600 °C
Air Flow	1.5~5 L/min.
Weight	3.97 lb / 1.8 kg
Outer Dimensions (W x H x D)	3.9 x 5.5 x 6.5 in. / 98 x 140 x 165 mm



CONTENTS For Part No. FR850-010 (Station Set w/ Handpiece & Holder)

Part No.	Description
--	FR-850 micro hot air station
FR8501-81	FR-8501 micro hot air handpiece
FH225-816	FH-225 iron holder
B5385	USB-C cable
B2419	Power cord
--	Instruction manual

FR850-010 MICRO HOT AIR STATION SET

Includes everything shown in picture.



HAKKO CONTROL SOFTWARE

New HAKKO Control Software allows the operator to set parameters, profiles and record offset & temperature data (from a PC). To download the HAKKO Control Software visit us at:
<https://hakkousa.com> or Scan the QR Code.





FR-8501

MICRO HOT AIR HANDPIECE

For more information
Scan QR Code.



The **HAKKO FR-8501 Micro Hot Air Handpiece** with precision and control, our slim handpiece is specifically designed for reworking fine components. Featuring a built-in Hot-Air switch, operators can seamlessly toggle airflow without losing focus while conducting microscopic rework operations.

★ FEATURES & BENEFITS	⚙ SPECIFICATIONS For Part No. FR8501-81 (Handpiece Only)
• Slim-designed handpiece for reworking fine components • Includes a HOT-AIR switch on the handpiece, enabling the operator to turn it on and off while maintaining their field of view during microscope operations • 6 nozzles: $\phi 1$, $\phi 2$, and $\phi 3$ in both straight and curved shapes • Detachable handle from the station	Nozzle Series NA01 Series see below (Nozzles Sold Separately)
	Station Compatibility FR-850
	Power Consumption 105 W / 24 VAC
	Nozzle-to-Ground Resistance < 2 Ω
	Nozzle-to-Ground Potential < 2 mV

NA01

SERIES NOZZLES

NA01 SERIES NOZZLES FOR USE WITH FR-8501 HANDPIECE						UNIT: mm(inch)
NA01-C10 	NA01-C20 	NA01-C30 	 For more information on the NA01 Series Scan QR Code.			
NA01-CB10 	NA01-CB20 	NA01-CB30 				