

SMD hot air station 112 W



The FR-850 hot air station from HAKKO impresses with 112 watts of power and precise air flow control, enabling maximum accuracy when processing miniaturized components. At a time when electronic components are becoming ever smaller, HAKKO's FR-850 is the answer to the growing demands of modern soldering technology. The innovative station combines technological excellence with intuitive operation and has been specifically developed for applications where precision and reliability are key. For professional users, this means significant progress in the processing of sensitive SMD components.

The temperature control of the FR-850 can be set in the range from 50 to 600 °C in exact 1 °C increments, while the air flow can be finely adjusted between 1.5 and 5.0 L/min. This combination allows optimum adaptation to different components and PCBs. The station not only reaches the desired temperature quickly, but also keeps it constant even with changing loads. Thanks to the auto-offset function, automatic calibrations and temperature corrections are carried out to ensure precise and stable production conditions at all times.

Particularly noteworthy are the intelligent functions that make the work process more efficient. For example, a cooling function is automatically activated when the handpiece is set down, which protects the heating element, extends its service life and increases work safety. In addition, the auto shut-off function reduces energy consumption during idle phases and minimizes component wear. The station can also be connected to the HAKKO Control software via the modern USB-C interface, which enables detailed logging and management of all operating parameters. This digital integration allows complete documentation of the soldering processes and is particularly useful in quality-critical areas.

The FR-850 also sets standards in terms of ergonomics and ease of use. The slim, lightweight hot air soldering iron has been designed for fatigue-free working and is compatible with the NA01 nozzle series, which includes various straight and angled attachments. A centrally positioned multifunction button on the handpiece enables convenient control of the hot air function.

- Finely adjustable air flow from 1.5 to 5.0 L/min
- 6 different nozzle options available
- Automatic cooling function
- Auto shut-off function
- Infrared communication for temperature calibration and correction
- HAKKO-Control software enables traceability data to be recorded

Item no.	WL91940
Model line	FX
Manufacturer	HAKKO
Manufacturer article no.	FR 850-32
GPSR manufacturer data	TBK - Technisches Büro Kullik GmbH Industriestrasse 27 DE-56276 Großmaischeid www.kullik.com/
Length	165 mm
Width	98 mm
Height	140 mm
Scope of delivery	<ul style="list-style-type: none"> • FR-850 hot air station incl. mains cable • FR 8501 Hot air plunger • FH 225 Piston holder • USB cable
Sales unit	1 piece
Content unit	1 piece
Power	112 W
Temperature range °C	50 – 600 °C

Station (type)	hot air station
ESD compliant	yes

