

HAKKO FR-870



- Infrared pre-heater that provides the optimal heating effect over the whole work piece surface
- 2 Independent switchable work grid partitions
- Infrared carbon heater

Carbon heaters lamps provide powerful support for insufficient heat when reworking and mounting post-production add-ons

Entire work surface heats rapidly for instant use and improved efficiency

Six carbon heaters let you preheat the whole board in next to no time after turning the power on. Full-board heating and quick temperature ramping let you get the job done quickly when reworking or mounting post-production components to multilayer substrates that require greater thermal capacity. As it does not contaminate the air, the HAKKO FR-870 also offers powerful support for a clean workplace environment in industrial applications.

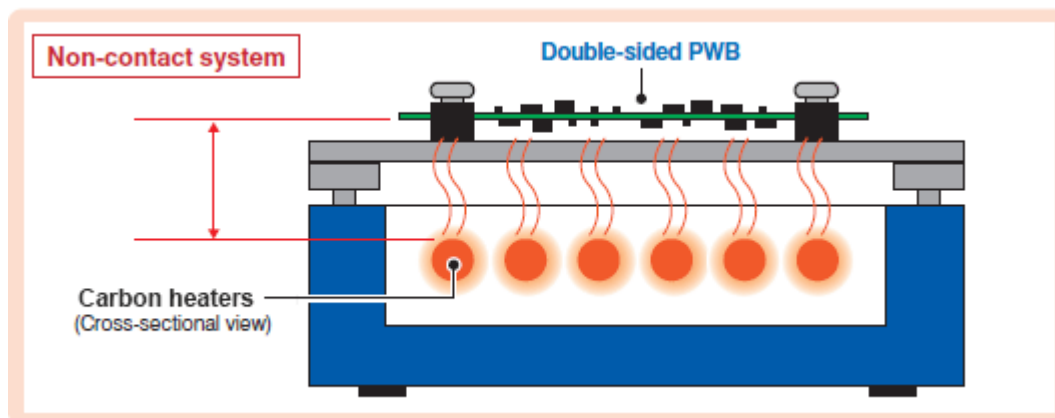




Quick temperature ramping just like a regular infrared heater.
Instant warmth at the flick of a switch. Doesn't contaminate the air.

Non-contact system can be used with double-sided boards

Non-contact system allows preheating of double-sided boards, which hot plates cannot handle.



Set thermal profiles

Auto mode step-heating method (maximum of three steps/step 1-3) heats PWBs slowly and evenly, letting you transmit 100% of the heat energy from a rework system and soldering iron. You'll never be forced to work with a higher set temperature due to insufficient heat again.

Power Mode

Power mode lets you control heater output using settings from 0% to 100%.

T/C Mode

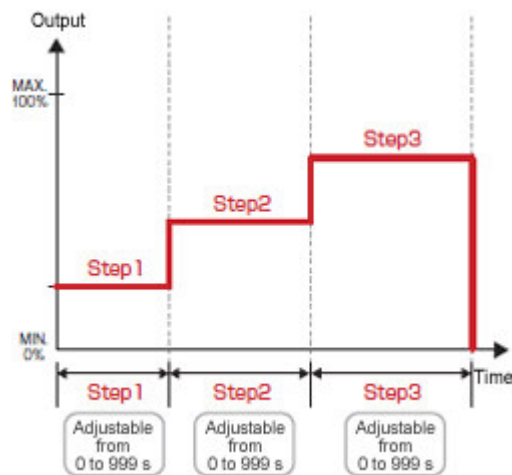
Once the temperature of the sensor attached to the board reaches the set temperature, the heater is on-off controlled so that the board temperature can be maintained at the set temperature.



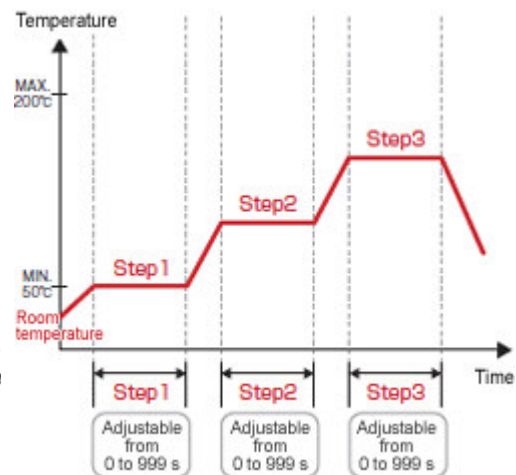
Auto Mode

Auto mode provides three steps (Step 1-3) to create an optimal heating profile for the work in question, letting all operators consistently produce work of the same quality. Programs can be set for ten channels in each mode.

Power Mode



T/C Mode



Board attachment system facilitates continuous work

Once a PWB is positioned, boards of the same dimensions can be removed or attached in a single motion.

This design greatly facilitates continuous work.



Adjust screws to match board width and length.

Boards are hot after operation and must be handled with care.