

**Hot Air Nozzles have in-built Vacuum Pick-up for gentle lifting of large QFPs and PLCCs without damaging SMD Pads on expensive multilayer PCBs**

3 Channels for storing common temperature, airflow & time settings



In-built Vacuum Pickup for large size SMD ICs



LCD display for menu functions, temperature, air volume, work time



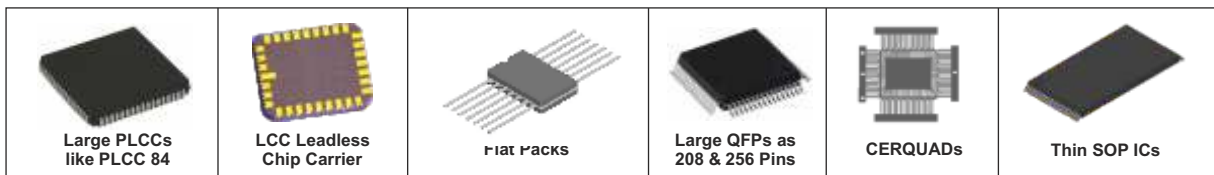
Hot Air Pencil

Burnproof Cord



Newly designed Hot Air Pencil Stand integrated with adjustable PCB Fixture is also part of supply  
Maximum size of PCB: 380x380mm

**Wide range of Hot Air Nozzles are available (please select from pages 134 & 135) to solder and desolder Fine-Pitch QFPs, PLCCs & SMD ICs up to 42.5x42.5mm size**



### Features

- Excellent desoldering efficiency: < 30s needed to desolder even large SMD ICs
- Variety of Hot Air Nozzles to desolder all types of QFPs, PLCCs, TSOPs like very large SMD ICs
- The rework process profile consists of 6 stages (zones) in which process parameters can be set according to needs. In each of the 6 stages (zones) of a profile, the user can view or set the parameter values including temperature, time and airflow according to the size of SMD IC
- 10 of above programmed profiles can be stored
- Accurate closed-loop temperature control ensures temperature stability up to  $\pm 2^\circ\text{C}$  of final value. Temperature is controlled by zero voltage triggering mode
- Has a powerful maintenance-free Brushless Motor
- Airflow is adjustable with Push Buttons.
- In-built Vacuum Pick-up integrated in Hot Air Nozzles
- Key-lock and Password protection for menu functions
- LCD display shows temperature, air volume, working time
- Digital temperature calibration
- Can be operated using a Finger Switch or Foot Pedal
- Auto sleep & automatic cooling function prolong life of heating element and save electrical energy.

### Specifications

- Power : 1300 Watt
- Voltage Range : 230V, 50Hz
- Temp. Range :  $100^\circ\text{C} \sim 500^\circ\text{C}$
- Work Time : 000 ~ 999 sec
- Airflow Range : 6~200 litre/minute
- Profile Phases : 6 Zones
- Profile Storage : 10
- Vacuum Suction : 0.03MP
- Temp. Stability :  $\pm 2\%$  of set value
- Size (approx.) : 250x230x150 mm

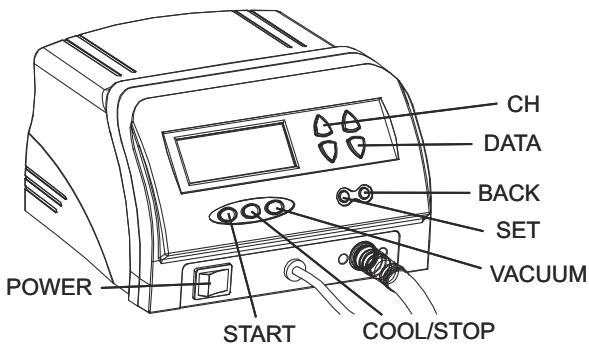
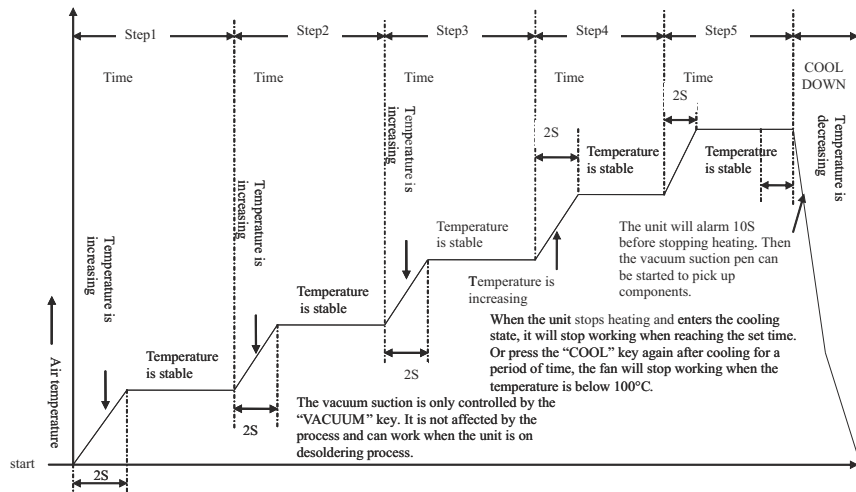
### Scope of Supply

- HRS5PG Main Power & Control Unit
- Hot Air Pencil
- Support Rack
- One Hot Air Nozzle
- Hot Air Pencil Stand integrated with adjustable PCB Fixture

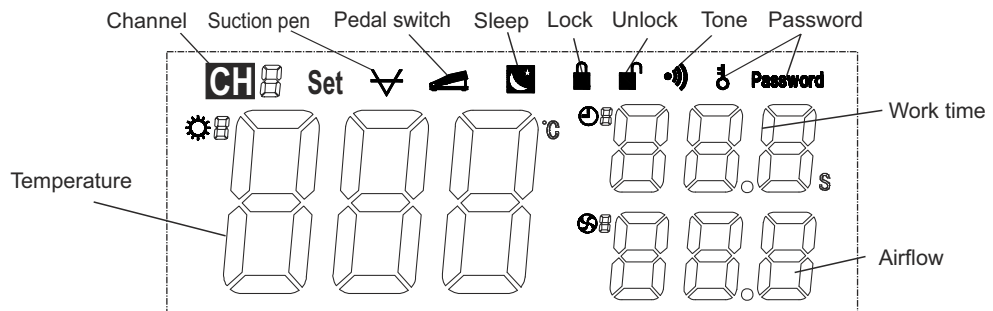
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6-Zone Temperature Profiling for soldering & desoldering large SMD ICs

**6-Zone Profile Programming**



- POWER Key : Power Supply Switch
- START Key : Click to work mode
- COOL/STOP Key : Click to sixth zone and double click for sleep state
- VACUUM Key : Click to start/stop vacuum
- CH▲ / ▼ Keys : Click to switch channel/parameter
- DATA▲ / ▼ Keys : Click to switch work/sleep mode
- BACK Key : Click to exit the current setting and return to upper menu



- : Indicates the current work channel (CH0~CH9).
- : Means the Unit is in the menu setting state. Handle & Suction Pen cannot work at the state.
- : When LCD displays this mark, it means the Suction Pen can work.
- : When LCD displays this mark, it means the Pedal Switch can control the Unit in work state or sleeping state after taking down the handle from the holder.
- : It means the Unit is in the sleeping state.
- : Indicates that Unit is locked. User can work in the current channel and parameters only
- : Possible to switch the work channels and set parameter values
- : When LCD displays this mark, sound will be produced when pressing keys
- : When LCD displays this mark, it means the Unit is in the password inputting state
- : When LCD displays this mark, it means the Unit is in the password changing state

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