

# NEW



## IR 1000 FROM PACE

### THE MOST FLEXIBLE, INTELLIGENT, EASY TO USE SMT REWORK STATION EVER BUILT

The IR 1000 is a remarkably flexible and effective rework system at a price point that can't be beat! It is ideal for applications where variability in the work is common as well as for applications where the same work is being performed over and over and through-put is important.

The IR 1000 is capable of installing and removing passives, QFPs, SOICs, PLCCs, MLFs, TSOPs, and coarse pitched BGAs. The IR 1000 incorporates a 500 W top heater and a 400 W pre-heater. The system allows for simple one zone profiles up to more complicated multi zone profiles. It features PACE's exclusive "Learn Mode" that assists the user with developing profiles. The system features a spring loaded, adjustable vacuum pik, a cooling fan, and a built-in, spring loaded, board-holder. The distance between the top heater and PCB can be adjusted and its vertical position is saved in the profile to ensure repeatability. Optional PC software is available that allows for profile management and graphing of temperature data.

IR 1000



### IR 1000 System Features:

- The free standing board holder allows for maximum flexibility and can also be used for other applications when not using the IR 1000.
- The system has an automated cooling fan that is activated simply by moving it into place.
- The spring loaded vacuum pik can be used to automatically lift the component off the PCB upon complete reflow.
- Laser centering indicator assists in positioning the PCB directly under the heaters and vacuum pik.
- Temperature probe is fitted with a ball/yoke positioner that is held in place with a magnet for maximum flexibility and to get to those hard to reach spots on the PCB.
- System is fitted with a built in vacuum wand that allows for manual removal if required.
- Pre-Heater monitoring prevents an operator from beginning a profile when the heater is not ready.
- Pre-Heater can be turned off or put into SetBack when system is not being used.
- Vacuum pik has built in theta adjustment for easy positioning of components.



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PACE's exclusive "Learn Mode" utilizes direct thermocouple monitoring to ensure your results. The thermocouple probe is placed on the PCB to control the progress of each stage in the profile. The system "Learns" the appropriate amount of time, in seconds, that is required to reach the target temperatures for each profile phase. The combination of heater settings and actual time are saved in the system or on your PC using the optional IR 1000 software, as a profile that can be recalled any time it is needed. Up to 50 profiles can be stored and recalled from the system memory and an infinite number of profiles can be stored on a PC.

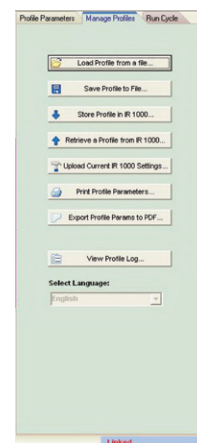
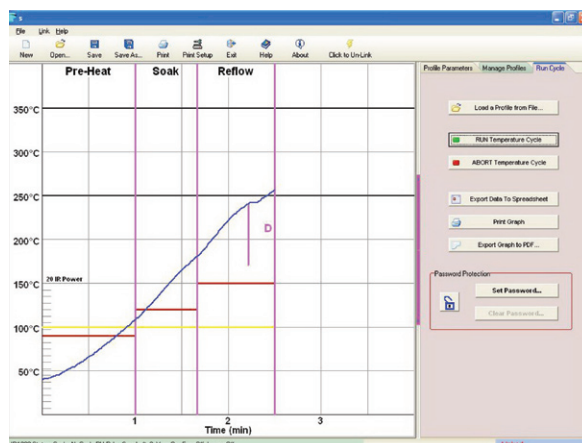
| IR 1000            | Specifications                                                         |
|--------------------|------------------------------------------------------------------------|
| Part Numbers       | 8007-0536 120 VAC<br>8007-0537 230 VAC                                 |
| Dimensions         | 508 mm H x 483 mm W x 457 mm D<br>(20" x 19" x 18")                    |
| Weight             | 19.2 kgs (42.2 lbs)                                                    |
| Power Requirements | 115 VAC, 50/60 Hz (Domestic) or<br>230VAC 50/60 Hz (Export) 1000W      |
| Pre-Heater         | 400 watts, 65 to 176 °C<br>(150 to 350 deg °F)                         |
| Main (Top) Heater  | IR, 250 watts x 2 (500W Total),<br>Power Levels 0-20 (20 = Full power) |
| Vacuum             | 5.9 inHg                                                               |
| Max PC Board Size  | 305 x 305 mm, 12" x 12"                                                |



## IR 1000 Optional PC Software

The optional PC software takes the IR 1000 to the next level with regard to ease of use and flexibility. Create and store as many profiles as you like (1-4 zone) and download sets of 50 profiles to the system.

One software package can manage profiles for as many machines as you like by keeping all profiles in a central location (on the PC). Only approved profiles for a given job can be downloaded to an individual system to help ensure only the proper profiles are used by the operator.



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## SOLUTIONS FOR THE ELECTRONICS INTERCONNECTION PROCESS