



PIE DIFFUSION

4 Rue des Maraîchers, ZAC des Communes

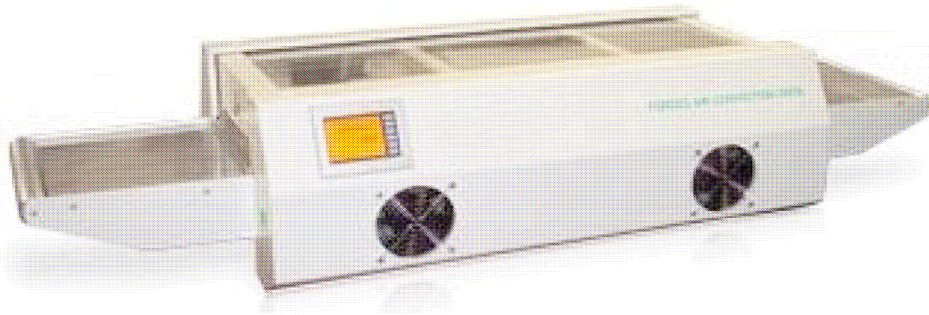
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## FOUR DE REFUSION A CONVECTION / REFLOW OVEN R260



### Reflow oven R260

- Forced air convection heat to maximum temperatures up to 300°C.
- Forced air convection provides uniform heating and prevents shadowing.
- Three heat zones, each independently controlled for accurate temperature profiles.
- Bench-top unit can be converted to a stand-alone unit by use of the optional cabinet and also integrated into a fully conveyORIZED production line.
- Output to printer, for print-out program data and temperature profiles.
- Full colour touch screen for easy programming with user friendly interface.
- Viewing panel allows visual inspection of reflow process.
- Detachable thermocouple for measuring substrate temperatures.

The R 260 convection reflow soldering systems uses re-circulated hot air to accomplish reflow at much lower temperatures than IR systems. Using constant, even heating, a great variety of board sizes will reach reflow temperature with the same heat profile. By eliminating set-up time your production line can work to its fullest capacity.

Convection heating provides many other advantages over IR. In addition to the wide process window it works with

- No shadowing
- No belt load sensitivity
- No cold solder joints
- No colour sensitivity
- No hot spots
- 3 zone temperature control

### Technical information:

- Power requirements: 208/240VAC 1-phase
- Rated power max.: 3650 Watts
- 3,8" monochrome touch screen.
- Dynamic warming-up control ensuring stable temperatures and virtually no overshoot.
- USB port for direct printing or external storage.
- Profiling software for temperature data recording.
- Graphic display mode for viewing temperature on a time base.
- 2 pre-heat and 1 reflow zone.
- Stainless steel spring wires conveyor belt
- Conveyor speed: 15 - 60 cm/min(6 - 23 inch/min)
- Up to 300°C for lead free soldering.
- Clearance for assemblies up to 25mm(1 inch)
- Soldering width: 265 mm(10 inch)
- Length process chamber: 860 mm(43 inch)
- Bottom cooling fans at offload section
- Heat-up time: approx. 15 min.
- Dimensions: 1540 x 600 x 360 mm(L x W x H)
- Net weight: 60 kg