

Vitronics Soltec

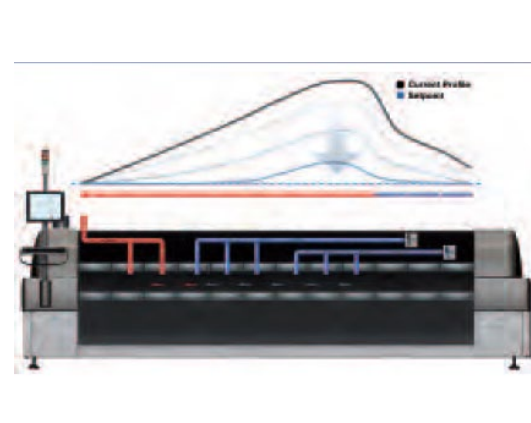
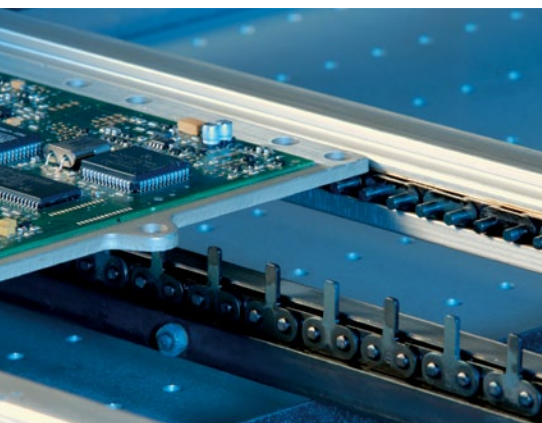
A WORLD OF SOLDERING SOLUTIONS

Proven Performance



myReflow Platform

- Excellent thermal transfer and temperature control
- Strong cooling performance by various cooling configurations
- Patented flux management system
- Worldwide proven performance and support
- 24 inch/660 mm PCB width capabilities



- Multiple driven intermediates
- PCB support with parking position
- High accuracy
- 3mm pinchain optional

- Low nitrogen consumption
- Closed loop ppm control

- Fast cool down
- Enables quick change over time from lead free profile to a curing

myReflow platform

Going “Lead-Free” means a smaller process window for reflow soldering; for example, melting temperatures must be higher, but maximum allowed component temperatures remain fixed! Combined minimum and maximum time limits above liquidous result in a smaller operating time-temperature process window. It’s the big lead-free “squeeze”! This makes it tough to develop optimum profiles while maintaining process speed.

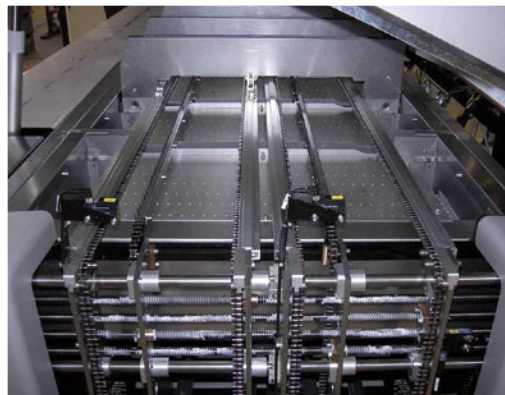
Key standard features

- 2 group fan speed control of heated tunnel
- Controlled cooling
- Lifetime warranty on heaters and blowers
- Flux Flow Control™ flux evacuation system with flux filter box
- Board tracking
- Auto lubrication

Key optional features

- Enhanced zone definition for heating
- Conveyor center support that parks under fixed rail
- Nitrogen atmosphere
- Condensing gas recirculation system
- Closed loop ppm control
- Fast cool down, for fast recipe changes from lead free to tin lead

Model	# Heat zones	Heated length	Cooling length	Total length	Total length N2
820	8/2	2840 mm	710 mm	3988 mm	4698 mm
930	9/3	3195 mm	1065 mm	4698 mm	5408 mm
1040	10/4	3550 mm	1420 mm	5408 mm	6118 mm

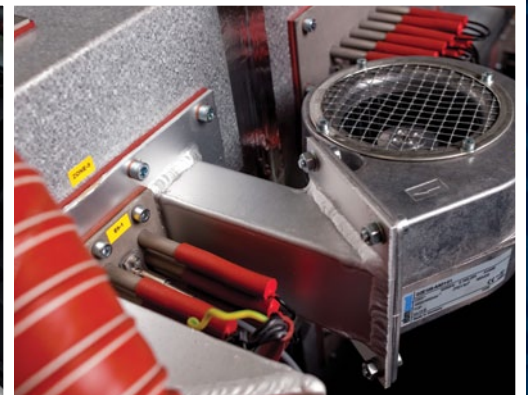


Various dual-lane capabilities for high throughput



Precise controlled cooling

- Control accuracy at +/-1° C
- Friendly swing arm unit design
- Various cooling configurations



Enhanced zone definition for heating

- Maximum allowed temperature difference between last soak and first peak is from 80° C to 140° C

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An ITW Company

www.vitronics-soltec.com