

Vitronics Soltec

A WORLD OF SOLDERING SOLUTIONS

Proven Performance



Delta 3 Reliable Wave Platform

- Configurations to meet your process needs
- Process settings held to tight tolerances
- Intuitive operator interface
- Easy maintenance
- Proven reliability with maximum uptime
- Global support



Pressure controlled flux supply with stepper motor drive for precise, repeatable flux application



Preheat configurations for process flexibility: IR calrod, quartz lamps, and forced convection



Titanium components with unique dross management design

Delta 3

The Vitronics Soltec Delta 3 has evolved over generations of equipment and thousands of machines in the field. Using many technology-driven features from the Delta 5 machine, it's the simplest to set up and operate, most reliable, most dependable and cost-efficient wave soldering machine.

Delta 3 gives customers exactly what they need: low cost of ownership, high yields, ease of use, 24/7 repeatability, and high reliability.

Ergonomic design for access and maintenance reduces downtime while ensuring required maintenance is done efficiently.

With an intuitive operator interface and control, customers are ensured of a stable process as well as efficient delivery of high first pass yields.

Key standard features

- Heavy duty titanium fingers with crash detection
- Manual conveyor angle adjustment between 5 & 7 degrees
- Finger cleaner
- Recipe controlled single nozzle spray fluxer
- Three PID controlled calrod preheat zones totaling six feet
- Titanium main wave
- Unique dross management system drastically reduces maintenance frequency

Key optional features

- PCB wire support
- Bottom and topside forced convection preheat
- Chip wave
- Recipe driven solder pot height control
- Nitrowave - nitrogen supply for solder waves
- Solder feeder for two solder bars
- Management information system

Model	Length	Height	Width	Max. PCB width
Delta 3	3665 mm	1702 mm	1466 mm	457 mm
	144.3 in	67.0 in	57.7 in	18 in



Reliable frequency inverter driven motors



Recipe driven forced convection fan speed control



Chip wave for SMT processes

Vitronics Soltec

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