

Vitronics Soltec

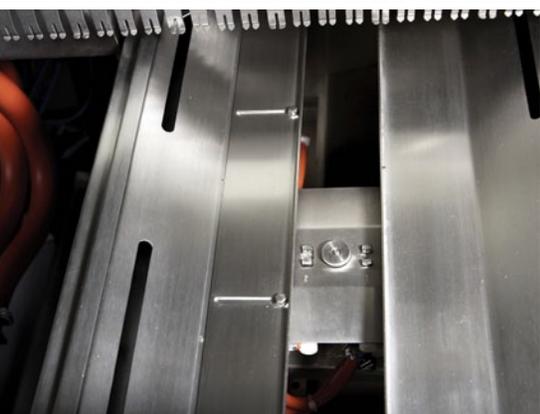
A WORLD OF SOLDERING SOLUTIONS

Proven Performance



Delta 5 Flexible Wave Platform

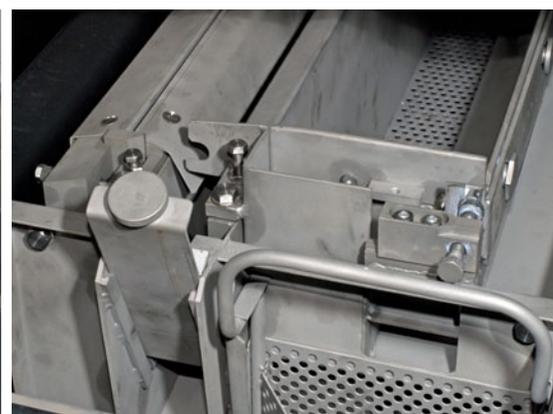
- Configurations to meet your process needs
- Process settings held to tight tolerances
- Intuitive operator interface
- Easy maintenance
- Proven reliability with maximum uptime
- Global support



Pressure controlled flux supply with stepper motor drive for precise, repeatable flux application. Dual nozzle and supply available



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



Titanium solder pot components with unique cross management design

Delta 5

The Vitronics Soltec Delta 5 has evolved from a long heritage of soldering machines with thousands in production worldwide. With technology driven features developed over generations the Delta 5 is the most reliable, dependable, and cost-efficient wave soldering machine available to the industry.

Delta 5 gives customers exactly what they need: low cost of ownership, high yields, ease of use, 24/7 repeatability, and high reliability.

With an intuitive operator interface and control, customers are ensured of a stable process as well as efficient delivery of high first pass yields. Options such as Dual Nozzle Fluxer, SmartWave, and Select X help make difficult processes successful.

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

Key standard features

- Heavy duty titanium fingers with crash detection
- Motorized conveyor width adjustment
- Finger cleaner and wetting system
- Recipe controlled single nozzle spray fluxer
- Three PID controlled calrod preheat zones totaling six feet
- Titanium double wave (main wave and chip wave)
- Unique dross management system drastically reduces maintenance frequency
- Solder feeder for two solder bars

Key optional features

- Heavy duty PCB wire support
- Dual spray nozzle with recipe driven flux tank selection
- Bottom and topside forced convection preheat
- Recipe driven solder pot height control
- NitroWave - nitrogen supply for solder waves
- SmartWave (patented) - improves through-hole and SMT yields
- Select X (patented) - selective de-bridging system

Model	Length	Height	Width	Max. PCB width
Delta 5	3535 mm	1618 mm	1437 mm	457 mm
	139.2 in	63.7 in	56.6 in	18 in



Reliable frequency inverter driven motors



Recipe driven forced convection fan speed control



Select X de-bridging option

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