

Vitronics Soltec

Electronic Assembly Equipment

TW EAE

Delta X Flexible Wave Soldering Platform



**Proven Performance
from a Century of
Soldering Experience**

- 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 X Flexible Wave Soldering Platform

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

Delta X 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 menu driven solderpot height control 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
- Manual conveyor angle adjustment between 5 and 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

- Motorized conveyor width adjustment
- Heavy duty PCB wire support
- Finger crash detection system
- 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 throughhole and SMT yields
- Solder feeder for two solder bars

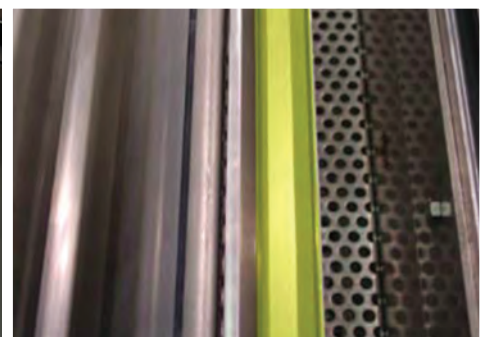
Model	Length	Height	Width	Max PCB Width
Delta X	3540 mm	1665 mm	1455 mm	457 mm
	139.3 in	65.6 in	57.3 in	18 in



Reliable frequency inverter driven motors



Recipe driven forced convection fan speed control



SmartWave option

ITW EAE is a division of Illinois Tool Works, Inc. It is a consolidation of all of its Electronic Assembly Equipment and Thermal Processing Technology. The group includes world-class products from MPM, Camalot, Electrovert (Speedline), Vitronics Soltec and Dispatch.