

Vitronics Soltec

Electronic Assembly Equipment

ITW EAE

XPM3m* Reflow Soldering Platform



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

- Featuring **AUTOset** recipe/profile generator
- Worldwide proven 24/7 performance and reliability
- Global support
- Patented gas management for low nitrogen consumption
- Full suite of network capable data management tools



XPM3m offers multiple dual lane conveyor options for all your high throughput needs.

Save time and money in three easy steps:

1. select a paste profile
2. measure and weigh the PCB
3. **AUTOset** then creates the recipe and you're ready to run

Since the XPM platform was introduced in 1999, over 4,000 units have been installed and are in production worldwide

* The XPM3i Reflow Platform is now being produced to metric specifications, thus the name has been changed to XPM3m to reflect this change.

XPM3m Reflow Soldering Platform

The Vitronics Soltec XPM3m product platform is the latest evolution in a long history of reflow systems that have proven their capability worldwide and established a reputation for superior reliability. Robust design combined with a unique heat transfer system consistently deliver benchmark thermal performance, precise process control, and superior value for high production, in a 24 hours-a-day, 7 days-a-week environment.

Key standard features

- **AUTOset** profile/recipe generator
- 350°C maximum setpoint temperature
- Lifetime warranty on heaters and blowers
- Flux Flow Control™ flux evacuation system
- Patented Individual Cell Inlet and Exhaust™ enables optimized gas flow management
- Active forced convection top and bottom cooling cells
- Easy to maintain cooling zones

Key optional features

- Advanced controlled cooling
- Nitrogen atmosphere with true air switching and quick purge
- CAMX host communication software
- Stack filter
- Dual lane with independent lane speed control
- Condensing gas recirculation system
- Bar code traceability system

Model	# heat zones	# cooling zones	Heated length (cm / in)	Cooling length (cm / in)	Total length (cm / in)
520	5	2	163 / 64	61 / 24	366 / 144
820	8	2	264 / 104	66 / 26	472 / 186
1030	10	3	335 / 132	102 / 40	579 / 228
1240	12	4	406 / 160	137 / 54	686 / 270



Take control of your cooling slopes and liquidous times with XPM3m's wide range of closed loop controlled cooling options for varying board complexities



Utilizing patented technologies, the Gas Recirculation System (GRS) can greatly reduce tunnel maintenance associated with high volume production lines and can reduce nitrogen consumption up to 50%.



The XPM3m's new baffle box design yields up to 30% reduction in nitrogen consumption.

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 Despatch.

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Soldering Solutions

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