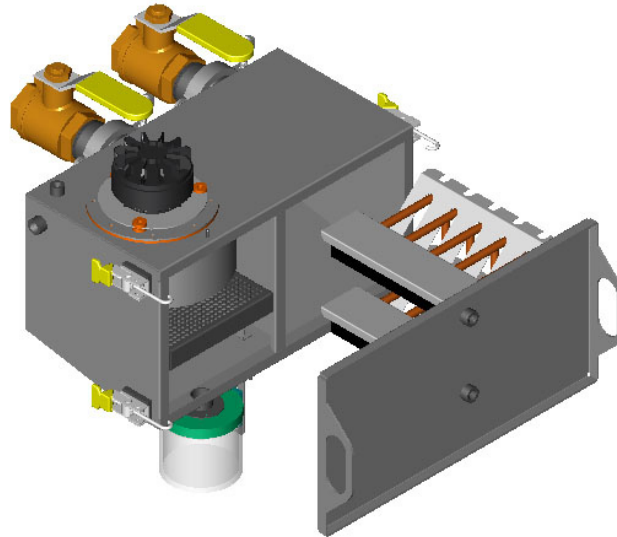


Intelligent Flux Control™ (IFC) with RunMax Technology

Intelligent Flux Control (IFC) with RunMax Technology is ideal for high-volume manufacturers with maximum uptime requirements. Its efficient design effectively contains harmful flux volatiles released from solder paste during the reflow process.



Intelligent Flux Control (IFC) with RunMax Technology

The IFC is an intelligent, yet simplistic design that provides superior control and collection of flux within the reflow oven. Understanding that high volume electronics manufacturers demand minimal downtime for maintenance, the IFC is an advanced flux management system that incorporates self-clean features and does not require interruption of production for maintenance activities.

Available on the OmniMax™ reflow oven, the patented Intelligent Flux Control (IFC) with RunMax Technology manages harmful flux volatiles that are continuously released from the solder paste. IFC modules are strategically placed to trap and filter particles throughout the entire heated chamber. Configured to maximize efficiency, IFC units feature combined collection technologies of air-to-air condensation, using a compressed air heat exchanger, and filtration, via a packed bed of stainless steel balls. The filtered flux is captured in system-monitored containment vessels that are quickly and easily removed. The IFC units also feature continuous system monitoring and advanced, software-controlled self-cleaning capability to extend maintenance intervals, maximize system efficiency, and reduce downtime. IFC with RunMax Technology is the most comprehensive flux filtration system available today.

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The IFC Solution

The IFC with RunMax technology consists of multiple flux collection boxes throughout the oven:

- 2-stage filtration system
- Removable air-to-air heat exchanger
- Removable filter cartridge
- Software programmable self-clean feature
- Flux collection conditions monitored via software
- Independent maintenance capability of each flux collection box



Availability

The IFC is available as an option on the Electrovert OmniMax 7 and 10 zone reflow soldering systems. Existing OmniMax, OmniExcel®, and OmniFlex™ systems in the field can also be upgraded with the IFC option.



INTELLIGENT FLUX CONTROL (IFC) WITH RUNMAX TECHNOLOGY SPECIFICATIONS

All stainless steel construction

High temperature silicone hose plumbing

Typical compressed air consumption: 15 SCFM - 7 zone; 20 SCFM - 10 zone

Manually activated nitrogen purge

All process parameters integrated into machine Windows®-based software

ABOUT SPEEDLINE TECHNOLOGIES

Speedline Technologies is the global leader in process knowledge and expertise for the PCB assembly and semiconductor industries. Based in Franklin, Massachusetts, U.S.A., the company markets five best-in-class brands – Accel microelectronics cleaning equipment; Camalot dispensing systems; Electrovert wave soldering, reflow soldering, and cleaning equipment; MPM stencil and screen printing systems; and Protect global services, support, and training solutions. For more information, visit us at www.speedlinetech.com.

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