

Electrovert®

# BRAVO® 8105 Reflow Oven

With its eight top and bottom heating zones, the Bravo 8105 is a forced convection reflow oven that delivers exceptional heat transfer across a variety of applications.



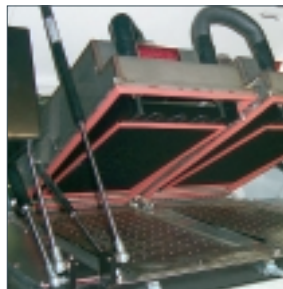
## VERSATILE, DURABLE, HIGH-PERFORMANCE REFLOW AT A VERY COMPETITIVE PRICE

The Bravo 8105 is a forced convection reflow oven with eight top and bottom heating zones to deliver exceptional heat transfer for a variety of applications. Using finned-rod heating elements and standard multi-speed convection blowers, the Bravo 8105 provides an exceptionally efficient "heat-on-intake" approach to reflow soldering and curing.

The system features a Windows® operator interface, capable of storing over 1,000 individual user profiles, for quick and easy process setup and changes. In addition, the system supports multitasking requirements, such as on-screen help and maintenance plus debugging utilities.

The Bravo 8105 nitrogen system also includes Electrovert's proprietary, patented PVAC with AutoClean Flux Management System, which directs process gas patterns to capture and control process volatiles. Using an in-line heater, the system liquefies flux residue and drains it into an easy-to-maintain collection system for environmentally friendly disposal and operation.

Whatever your volume or board requirements, the Bravo 8105 delivers. Lead-free and hybrid processing are easily addressed with the power and flexibility standard in each system.



## STANDARD FEATURES

What other manufacturers call options, we call standard features.

The Bravo 8105 comes fully equipped with the following features at no extra cost:

- 350°C High-Temperature Processing Capabilities
- High-Temperature Safety Circuit
- PVAC with AutoClean Flux Management System (Nitrogen Systems Only)
- Combination Pin-Chain and Mesh-Belt Conveyors
- Multi-Speed Blowers for Process Control
- Motorized Conveyor Width Adjust
- Windows Operator Interface
- SMEMA Communication
- System Status Light Tower
- Output Photocell
- Uninterruptible Power Supply
- Lead-Free Process Ready

\* Windows is a registered trademark of Microsoft Corporation.

## OPTIONAL FEATURES

- Nitrogen Inerting
- Patented Rail Heaters
- On-Board Water Chiller
- Center Board Support
- Right-To-Left Conveyor

## BRAVO 8105 SPECIFICATIONS

Process Width	17" (432mm pin chain)
Heated Tunnel Length	105.0" (2667mm)
Overall Length	194.5" (4940mm)
Height	57.0" (1447mm)
Width	46.0" (1168mm)
Number of Heating Zones	8 (8 top, 8 bottom)
Number of Cooling Zones	2, 4 Speed Control
Operational Stability	≤15 minutes
Maximum Operating Temperature	350° C within the reflow zones
Flux Management	PVAC/AutoClean

## 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](http://www.speedlinetech.com).

Speedline Technologies maintains an ongoing program of product improvement that may affect design and/or price. We reserve the right to make these changes without prior notice or liability.

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