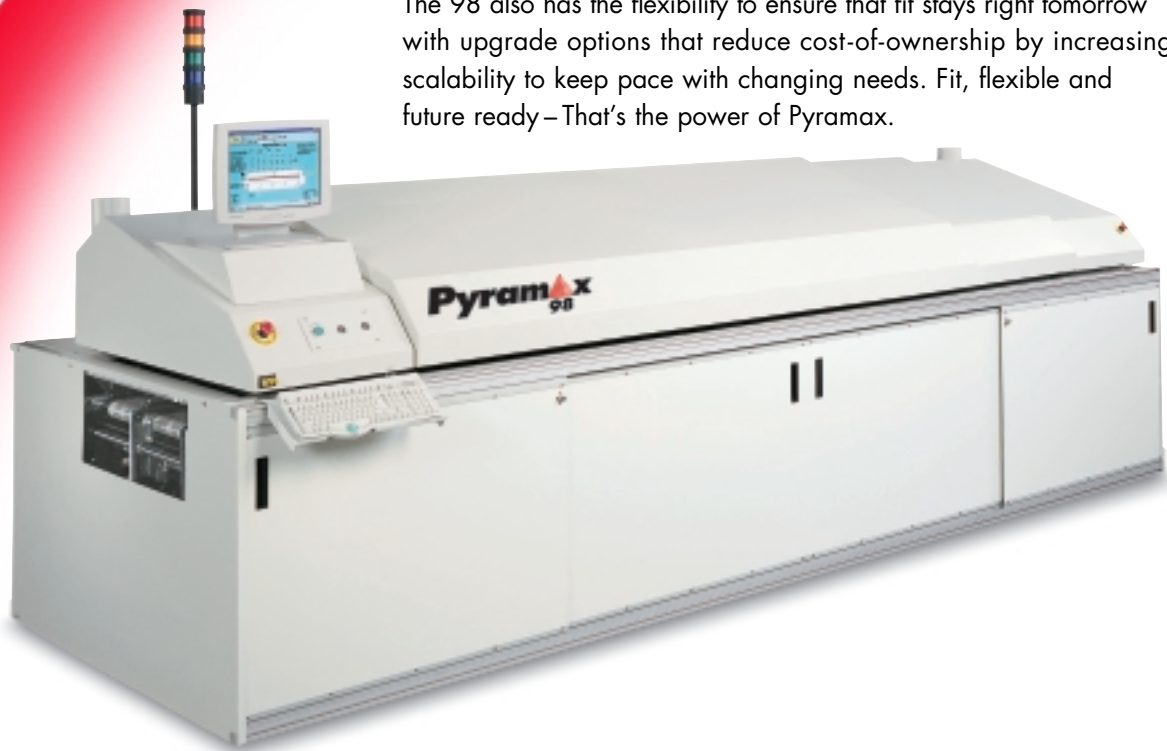


Pyramax⁹⁸

Pyramax 98 A Fitting Addition To The Pyramax Platform.

Your throughput applications, our innovative technology. With a smaller footprint and a big list of unique features, Pyramax[®] 98 offers precise, reliable thermal control that's the right fit for your business. The 98 also has the flexibility to ensure that fit stays right tomorrow with upgrade options that reduce cost-of-ownership by increasing scalability to keep pace with changing needs. Fit, flexible and future ready – That's the power of Pyramax.



- ▲ Up to 24-inch processing capability
- ▲ 350°C maximum operating temperature for lead-free operation
- ▲ Flexible platform configuration capability
- ▲ Air or nitrogen capability
- ▲ WINCON[®] control software
- ▲ Closed Loop Convection Control
- ▲ Industry-leading forced impingement convection technology
- ▲ Porcupine II Heating Elements
- ▲ Low nitrogen consumption
- ▲ Comprehensive warranty program



Look again!

Ergonomic Industrial Design

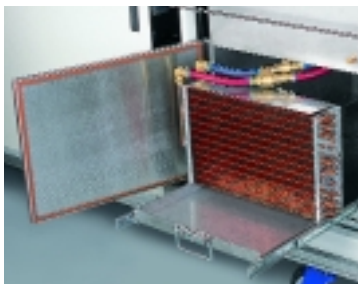
To make operation and maintenance as efficient as possible, BTU's designers have made Pyramax the most ergonomically correct reflow system available.

- ▲ Highly accessible frame construction with no obstructions to key maintenance points
- ▲ Unique sliding panel arrangement eliminates swing-out panels that obstruct aisles

Innovative Cooling System

BTU's unique water-cooling design moves the cooling media away from the process chamber, where it can be easily accessed for maintenance.

- ▲ Sliding heat exchanger assembly allows easy access for maintenance
- ▲ Closed loop cooling control provides increased process control
- ▲ Cooling section features a clamshell construction



Flux Management System

BTU's patented Flux Management System traps flux residue from the process chamber, preventing it from settling within the oven, leading to increased uptime and lower cost-of-ownership.

- ▲ Easy access to filtration and trap arrangement
- ▲ Flexible extraction locations maximize overall efficiency

Closed Loop Convection

BTU's exclusive Closed Loop Convection Control provides maximum flexibility in process control.

- ▲ Side-to-side recirculation enhances temperature uniformity
- ▲ Guaranteed process repeatability, system to system, site to site
- ▲ Unmatched convection efficiency reduces zone temperature setpoints



Pyramax 98 Specifications*

Conveyor speed	10-60 in/min	25-152 cm/min	Cooling zones (top/bottom)	1	1
Conveyor width	2-18 in	51-457 mm	Overall system length	178 in	4521 mm
Heated length	98 in	2489 mm	Overall system height	60 in	1524 mm
Heated zones (top/bottom)	7	7	Overall system width	60 in	1524 mm
Cooling length	28 in	711 mm	Voltage ranges	208-480 VAC	

*All specifications are subject to change without notice.

Base Configurations

Air Only

Nitrogen Ready

Nitrogen Upgradeable

Options

- | | | |
|---|----------------------------------|----------------------------|
| ▲ 24-inch conveyor width | ▲ Flux Management | ▲ 5kW high power heaters |
| ▲ Flat flex or fine mesh conveyor belts | ▲ Dynamic gas idle | ▲ Blower monitoring |
| ▲ Automatic width adjust | ▲ Atmosphere sampling | ▲ Remote diagnostics |
| ▲ Integrated water supply | ▲ Smart product tracking (SMEMA) | ▲ Belt and rail conveyors |
| ▲ Retractable center support | ▲ Closed Loop Convection Control | ▲ UL 508A and CE Compliant |

Customer Support

- | | | |
|---|--|--|
| ▲ 24-hour, 7-day worldwide customer support | ▲ Regional locations with replacement parts in-stock | ▲ Process engineering support and training |
| ▲ PBET certified trainers | ▲ Global field offices | ▲ Electronic user documentation |

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