

- Furnaces
- Electric in air to 2000.c
- Vacuum
- Heat Treatment
- Controlled Atmosphere
- Melting
- Gas to 2300.c

## Vacuum Furnace

### Product Features

Vac Aero vacuum furnaces are designed and built with features that ,

- Deliver high throughput and uptime
- Provide confidence based on design and many years of reliable service.

### Control Systems

User programmable process controllers (microprocessor)

- One-button automatic control
- Manual operator override
- Re-programmable in the field
- User friendly

Pre-programmed machine logic controls (PLC's)

- Fail safe operation
- Automatic re-start after power failure

### Guaranteed load soak \*

- Reliable processing
- Optimum cycle times

*Kilns, Furnaces and Ovens For Industry*

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## Blended cascade control \*

Ground fault detection on bottom loading furnaces

- Minimises hot zone damage due to accidental improper workpiece size or position

## Control System options

- Data loggers
- Smart control systems
- Central computer interface
- Customised computer control systems

## Hot Zones

All metal heat shields

- Ultra-high vacuum
- High quench rates

Graphite heat shields

- Increased service life (*where graphite in hot zone is acceptable*)
- Best service life and thermal efficiency (*where slightly reduced vacuum levels are tolerated*)
- More economical

\* Optional

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