

BAK 760 Upgrade

Cost effective, low risk upgrade route for the tried and tested Balzers BAK760 evaporator. Maximise the value of existing plant while updating vulnerable or obsolete instrumentation. Modern 'industry standard' controls and proven Ferrotec electron beam evaporators provide performance with reliability.

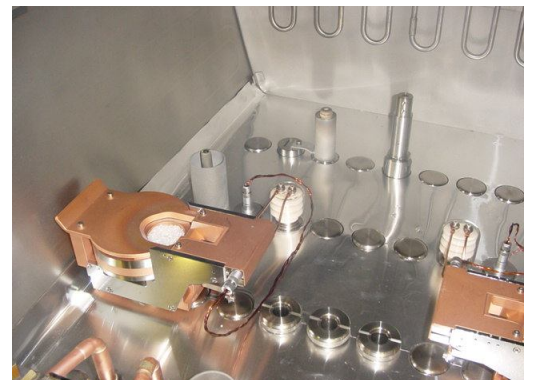


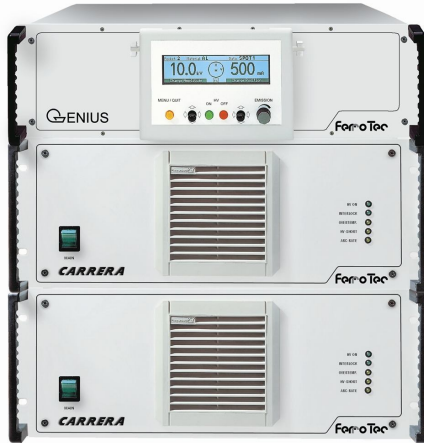
Features:

- Industry standard deposition control
- Robust PLC based system management with **WAVE** coating control software
- EU compliant power distribution
- Fully monitored and interlocked safety
- State of the art **Ferrotec** electron beam evaporators
- Possibility to reconfigure plant
- System fully factory refurbished to 'as new' condition

Benefits:

- Cost effective; tried and tested components are retained.
- Good value; investment is in equipment that will directly improve performance
- Reduced maintenance costs; old and difficult to support items are replaced or upgraded.
- Improved up time; unreliable items renewed or replaced.
- Fast track to produce; processes can be validated on upgraded tool faster than installation from scratch.
- Efficient; modern solid state high voltage generators
- Precision; digital scan control





Carrera HVP

- 3, 5, 6, 10 and 12KW versions
- Primary switched mode power supply
- High voltage ripple 100Vpp (6kW unit)
- Adjustable ARC management
- Optional glow discharge output
- Sequential or simultaneous operation

Genius

- Programmable sweep control
- Crucible rotation and positioning
- Handheld remote
- Emission current, filament current and high voltage control



Electron Beam Evaporator

- integrated drive and water cooling system with optical positioning sensing
- allows flexible crucible configurations
- directly or indirectly cooled crucibles
- high performance emitter
- long filament lifetime
- platform product (EV M-6, 8 and 10 available)



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