



WAVE 600 Coating System

Cost effective electron beam coating system incorporating a factory refurbished Balzers BAK600 chamber. The System features modern 'industry standard' controls and proven Ferrotec electron beam evaporators that provide performance with reliability. Its applications include electronic and optical thin films.

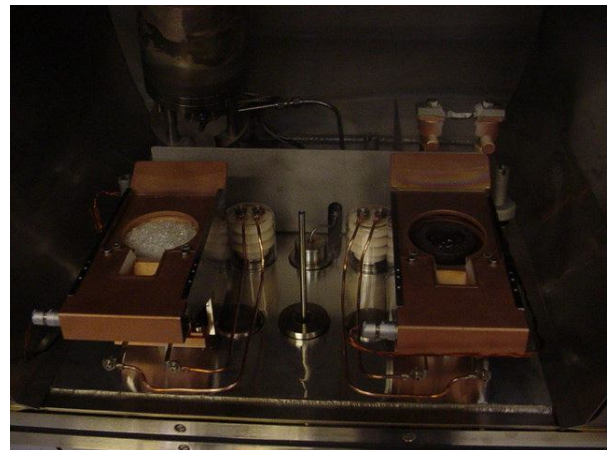


Features:

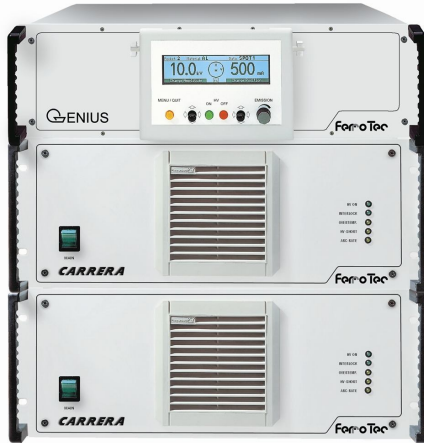
- Industry standard deposition control
- Robust PC based system management
- EU compliant
- Fully monitored and interlocked safety
- State of the art **Ferrotec** electron beam evaporators
- Choice of plant configuration
- Choice of pumping solution including dry pump options
- Chamber fully factory refurbished to 'as new' condition

Benefits:

- Cost effective; factory refurbished standard parts are included.
- Easy to use; WAVE graphical touch screen operator interface.
- Improved up time; system incorporates industry standard instruments and controls
- Efficient; modern solid state high voltage generators
- Precision; digital scan control



System illustrated features Ferrotec EV M-6 guns with Genius Pro and Carrera 10. Control is WAVE with integrated Inficon IC5. [WAVE](#); [Wordentec Advanced Vacuum Environment](#)



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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