

## ELS5000 Electron Source



- ◆ Ideal for Static Auger Electron Spectroscopy AES
- ◆ Beam Energy variable 0 to 5000eV
- ◆ Beam current range 10nA to 30µA
- ◆ Beam current monitor with sample biasing voltage
- ◆ Typical spot size < 50µm with 1µA beam current (measured at 2keV beam energy with a typical working distance of 50mm)
- ◆ Working distance 15 to 500mm
- ◆ X-Y static deflectors for beam positioning on sample
- ◆ Mounting flange : 70mm (2.75") OD CF
- ◆ Suitable for ports with sample - flange distance up to 750mm
- ◆ Bakeable UHV compatible construction
- ◆ Single multiway feedthrough with locking connector