

High Precision Thermal Ionization Mass Spectrometer

Resolution	: 418 (10% valley)
Sensitivity (Sample Quantity)	: 1 ion in 580 atoms of U (1-2 micrograms)
Precision: 0.06% (external for U)	: 20 ppm (for Nd) 20 ppm (for Sr)
Mass Range	: 1-450 amu
Abundance Sensitivity	: 30 ppm (for U ₂₃₈)
Acceleration Voltage	: Up to 10 kV
Sample Changer	: Turret with 12 Filament Assemblies
Analyser	: Magnetic
Ion Source	: Thermal Ionization
Collector type/ number	: Faraday/ seven ; Electron Multiplier/one