

Resolution	Medium
forward power	1200 W
Accelerating voltage	10 kV
Plasma mode	Dry plasma
Cool gas flow rate	15.5 L min ⁻¹
Auxiliary gas flow rate	0.8 L min ⁻¹
Sample gas flow rate	~ 1 L min ⁻¹
Sampler cone	Standard Ni cone
Skimmer cone	Standard Ni cone
Desolvator	Apex (ESI)
Nebulizer	PFA microcentric nebulizer 100 μL min ⁻¹
Running concentrations	Si = 1–2 ppm, Mg = 1–2 ppm
Sensitivity	7–10 V ppm ⁻¹
Blank level	< 1 % signal
³⁰ Si interference	< 30 mV (usually 10–15 mV)