

Inductively Couple Plasma-Optical Emission Spectrophotometer (ICP-OES)

Make of ICP-OES: Agilent Technologies

Model: 5110 ICP-OES

Type of analysis possible:

- Qualitative Analysis
- Quantitative Analysis



- Compact high resolution Optical Emission Spectrometer (OES) with inductively coupled plasma.
- Simultaneous Multielement analyses equipped with a high resolution echelle optical bench,
- Fully PC controlled with auto-sampler.

Specification:

Wave length range: 160-900 nm

Wavelength accuracy: <0.4 pm

Spectral resolution: 0.002 nm at 200 nm.

Resolution: 1:145000

Echelle grating with large blaze angle
(76°)

Dual view Plus plasma observation for

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<p>2+2 plasma view Peltier cooled CCD array detector with high quantum efficiency, increased UV-sensitivity and reduced warm-up times Free-running 40 MHz g generator with solid state power supply for long term plasma stability and for excellent reproducibility.</p>	
<p><i>User Instructions :</i></p> <ul style="list-style-type: none">• Qualitative and quantitative data can be provided,• All sample should be filtered through 0.2 µm filter.• Samples should not be toxic or hazardous.• At present we have facility for analysis of Ca, K, Fe, Mg, Na, Ag, Al, As, Ba, Be, Cd, Co, Cu, Mn, Mg, Mo, Ni, Sb, Pb, Se, Th, V, Zn and Cr.	