

## Key Features

- Specifically designed for heat stable salt's anions analysis
- Integrated tabletop systems with automatic injection system
- Partial loop injection
- Automatic calibration
- Uses ion exchange column with suppressed conductivity detection
- Electrolytic suppression system
- Metal-free flow paths
- Full control by PC
- Powerful data analysis software

## Specifications

Conductivity Measuring Range	up to 20000 µS/cm at 20 - 1 Hz, sample frequency, Auto zero function for the entire measuring range, Noise: 0.1 nS/cm
Suppression	Electrolytic Auto-Suppressor
Column Oven Temperature	30 °C -90 °C
Pump	Isocratic Pump (analytical, non-metal - Peek version), Pressure Range: 40-0 MPa (6000-0 PSI), Flowrate: 10 – 0.001 ml/min
Degasser	Integrated -1channel vacuum degasser
Injection System	Automatic dual needle design to avoid system blockage with wash program and Programmable Injection Volume: 999.9 - 0.1 µ in increments of 0.1 µl, Sample Capacity: 120 samples (1.5 ml), Sample Loop: 100 µl, Carry Over: < 0.05 %
Including	<ul style="list-style-type: none"><li>• IC column for determination of HSS anions</li><li>• Anionic guard column</li><li>• Clarity Chromatography Software</li></ul>

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## HSS Analyser

**Methods:** EPA 300.0, EPA 300.1, ASTM D4327-17, ISO 10304-1:2007

HSS analyser is a specialized instrument utilizing ion chromatography (IC) to detect and quantify various heat stable salt's (HSS) anions. IC, an essential branch of liquid chromatography (LC), has the advantages of high speed, high resolution and low cost, so it is widely used in the analysis of inorganic ions.

