Key Features

- Support for highly accurate analysis of middle distillates and other matrices
- One method for determination of total aromatics and total saturates
- Innovative, reliable and easy-to-use
- Best balance of cost & efficiency
- Upgradable and durable design
- Full control by PC
- Powerful data analysis software
- Exceptional sensitivity with low detection limits
- Outstanding performance, peak resolution and analysis speed

Specifications

Pump	up to 20000µS/cm at 20 - 1 Hz, sample frequency, Auto zero function for the entire measuring range, Noise: 0.1 nS/cm
Injection System	Optional Electrolytic Auto-Suppressor
Backflush Valve	30 °C -90 °C
Column Oven Temperature	Isocratic Pump (analytical, non-metal - Peek version), Pressure Range: 40-0 MPa (6000-0 PSI), Flowrate: 10 – 0.001 ml/min
Degasser	Integrated vacuum degasser
Solvent Organizer	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 %
Detector	• IC column for determination of Amine cations • Cationic guard column • Clarity Chromatography Software
Including	• 2 Chromatography columns for determination of aromatic hydrocarbons & total saturates • Clarity Chromatography Software, 21 CFR Part 11 compliant softwarev

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Innovative Scientific Solution

Aromatic Hydrocarbon Analyser

Methods: ASTM D 6591, ASTM D 6379, ASTM D 7419

Aromatic Hydrocarbon Analyser is a dedicated system based on high-performance liquid chromatography (HPLC) to determine aromatic hydrocarbon types including monoaromatic, di-aromatic, and polyaromatic hydrocarbon contents in kerosene, diesel fuels and petroleum distillates boiling in the range from 150 to 400 °C. Also, this instrument uses an accepted method for the determination of total aromatics and total saturates in additive-free lube base stocks.