



CIC-D120

CIC-D120 is a high-stability ion chromatograph with upgrade circuit. It can be compatible with external equipment such as amperometric detector, UV detector, ultraviolet-post-column derivatization device and so on. Using SHINE leading IC column technology, the separation of anion, cation, cyanide, iodide, sugar and small molecular organic acids can be realized. It is widely used in the fields of environment, disease control, food, chemical industry, electronics, mining and metallurgy.

Technology Advantage:

- **Temperature-control bipolar conductivity detector (CN 202033335U)**
Greater detection range and better accuracy of analysis;
- **Built-in circulating 3D constant temperature technology (CN 204259917U)**
Temperature stability time is less than 30 mins, ensuring the accuracy and reliability of test data;
- **The world's leading full-range series of ion chromatographic columns (CN 105126936A, CN 104788603A)**
High efficiency, large capacity, satisfying the detection of various ion;
- **Self-regenerating electrolytic micro-membrane suppressor (CN 102735792A)**
High pressure resistance, small dead volume and highly responsive to signals;
- **Observatory intelligent workstation**
Integrated control, compatibility for a variety of instruments, customized images.

Technical Parameter:

Pump

Maximum Pressure: 35MPa
Pressure Display Accuracy: ≤ 0.1 MPa
Flow Rate Range: 0.001~9.999mL/min

Injector

Maximum Pressure: 35MPa

Conductivity Detector

Cell Volume: $\leq 0.8\mu\text{L}$
Detection Range: 0~45000 $\mu\text{S}/\text{cm}$
Detection Resolution: $\leq 0.0020\text{nS}/\text{cm}$
Electronic Noise: 0.02nS
Temperature Range: Room temperature+5~60°C(41~140°F)
Maximum Pressure: 10.0MPa

Power Requirements: 150W

Dimensions(L*W*H*): 350*470*510 (mm)

Net Weight(KGS): 26

Net Weight(KGS): 32