



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 Shenghan 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:  $\leq 0.1$ 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 $\mu\text{S}/\text{cm}$   
Baseline Noise:  $\leq 0.05\%$ FS  
Baseline Drift:  $\leq 3\%$ FS/30min  
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