



## CIC-D150

CIC-D150 ion chromatograph is located in the intelligentization, which realizes the functions of remote control by mobile APP, timing startup and preheating, one-key intelligent maintenance, etc. it is more convenient to use and greatly improves the productivity and user experience of the laboratory.

### Technology Advantage:

- Leakage alarm, the pump will stop automatically after 5 minutes of no treatment;
- Auto-range to realize the simultaneous determination of 5ppb-100ppm concentration sample without setting the range;
- A micro gas-liquid separator is set to separate the bubble from the eluent;
- By timing startup and preheating function to set the start-up and all parameter of the instrument in advance (the maximum setting is 24 hours);
- Set "intelligent maintenance", the instrument can complete the flow path switch to the pure water path;
- The mobile APP can remotely control the instrument on / off and observe the operation performance parameters of the instrument;
- The large screen displays the operation parameters and status of the instrument.

### Technical Parameter:

#### Pump

Maximum Pressure: 35MPa (PEEK)  
 Pressure Display Accuracy:  $\leq 0.1$ MPa  
 Flow Rate Range: 0.001~9.999mL/min

#### Injector

Maximum Pressure: 35MPa (PEEK)

#### Conductivity Detector

Cell Volume:  $\leq 0.8$ μL  
 Detection Range: 0~45000μS/cm  
 Baseline Noise:  $\leq 0.001$ μS  
 Baseline Drift:  $\leq 0.001$ μS  
 Detection Resolution:  $\leq 0.0020$ nS/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\*): 336\*650\*458 (mm)  
 Net Weight (KGS): 26  
 Gross Weight (KGS): 32