



## CIC-D160

CIC-D160 is a high-stability ion chromatograph with upgrade circuit technology ,which can detect anion, cation, cyanide, iodide, sugar and small molecular organic acids . It is widely used in the fields of environment, disease control, food, chemical industry, electronics, mining and metallurgy.

### Technology advantage:

- **Built-in eluent generator, free from configuring eluent, with gradient elution available**  
High pressure resistance, small dead volume, highly responsive to signals;
- **Built-in low-pressure degassing technology to eliminate bubble interference for stability**  
High pressure resistance, small dead volume, highly responsive to signals;
- **Modular design, convenient to assemble and disassemble , easy to operate;**
- **Optional intelligent automatic injection system for large sample volumes, which features automatic dilution to save labor and time;**
- **Work across a variety of detectors, to expand the scope of applications of ion chromatography.**

### Technical Parameter:

Pump	Conductivity Detector	Built-in Eluent Generator
Maximum Pressure: 35 MPa(PEEK)	Cell Volume: $\leq 0.8\mu\text{L}$	Eluent Types : KOH/NaOH
Pressure Display Accuracy: $\leq 0.1\text{MPa}$	Detection Range: 0~50000 $\mu\text{S/cm}$	Eluent Concentration Range :0.1-100mM
Flow Rate Range:0.001~9.999mL/min	Detection Resolution: $\leq 0.0020\text{nS/cm}$	Concentration Increment :0.1mM
	Electronic Noise:0.02nS	Flow Rate Range:0.1-5.0mL/min
	Temperature Range:	Pressure: $\leq 30\text{MPa}$
Power Requirements:150W	Room temperature+5~60°C(41 ~140°F)	
Dimensions(L*W*H*):350*470*650 (mm)	Maximum Pressure:10.0MPa	
Net Weight(KGS):34		
Gross Weight(KGS): 40		