

Ion Chromatograph

Features:

- * Dual channel design, allows for simultaneous detection of anions and cations.
- * Intelligent alarm system. Leakage alarm, residual eluent alarm, low pressure alarm and high-pressure alarm.
- * Real time monitoring of consumables usage, with clear status at a glance.
- * The compact exterior design can improve the space utilization rate of the laboratory.



Technical Parameters:

Model	BK-IC120	
Detected Ions	Anions	
Pump	Type	High-pressure and low-pulse two-piston tandem advection pump
	Maximum Pressure	42MPa
	Flow Rate Range	0.001~9.999mL/min
	Pressure Ripple	≤0.5%
	Flow Precision	≤0.1%
Column Oven	Operating Temperature Range	RT+5~60℃
	Controlling Temperature Accuracy	±0.1℃
	Temperature Stability	≤0.1℃/h
	Columns Supported	2, 3, 4 and 5mm ID. Maximum length 250mm analytical column with 50mm guard column.
Conductivity Detector	Type	Auto-range conductivity detector
	Cell Volume	≤0.4μL
	Detection Range	0~45000μS/cm
	Resolution	≤0.0020nS/cm
	Operating Temperature Range	RT+5℃~60℃
	Maximum Pressure	10.0MPa
Suppressor	Type	Self-regeneration electrolytic micromembrane suppressor
	Maximum Pressure	6.0MPa
	Non-suppressed Chromatography	Yes
	Void Volume	<40μL (4mm) <15μL (2mm)
Optional Accessories	BK-CIC3200 Fully automatic combustion system, SHA-9D(96 sample positions) or SHA-18i (Single channel, 120 sample positions) autosampler, cation kit	
Power Supply	AC100~220V 50/60Hz	
External Size(W*D*H)	345*480*495mm	
Net Weight	26kg	
Packing Size(W*D*H)	570*590*600mm; 660*620*400mm	
Gross Weight	38kg; 10kg	