

Gas Chromatograph

Features:

- * 7-inch LCD display indicates temperature, gas flow and heating curve.
- * Self-test function and automatic fault recognition function.
- * 8 pcs external extension interfaces can connect with control valve.
- * Equipped with a flame ionization detector (FID).
- * Multi-core and 32-bit embedded hardware system ensures the reliable operation.
- * Synchronous external trigger function and the external signal (auto sampler, thermal analyzer, etc.) can start the equipment and workstation software at the same time.

AC220V±10%, 50Hz

740*730*840mm

TCD detector, Chromatographic column, Gas purifier

- * With chromatography workstation software to process data.
- * Memory function: can store 20 sample test modes.
- * One key start up function.

Power Supply

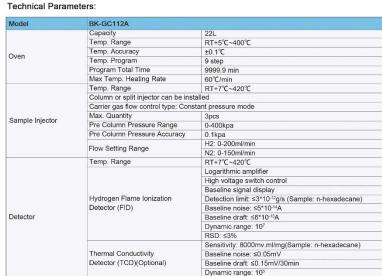
Gross Weight

Standard Accessory

Optional Accessory

Package Size(W*D*H)





FID detector, Capillary injection system, Chromatography workstation software,RS232 port, LAN port

Gas Chromatograph

Features:

- * 5.7-inch LCD display indicates temperature, time and gas flow.
- * Can install packed column and capillary column at the same time
- * Self-test, power protection, keyboard lock, automatic ignition and anti power mutation interference function.
- * With chromatography workstation software to process data.
- * Equipped with a flame ionization detector (FID), and TCD, ECD, FPD, NPD are optional. Can install 3 detectors at the same time.
- * Can connect with Internet, realize data transfer and program upgrade automatically.
- * Double column compensation function, which can effectively restrain baseline drift and the influence of background noise.
- * Large capacity oven (300*280*180mm) can hold 2 pcs 0.32mm diameter capillary column (length: 80m).
- * Better thermal insulation effect; when the temp. of oven, vaporizing chamber and detector reach 300°C, the max. temp. of outer chamber is 40°C.

Technical Parameters:

Model	BK-GC7820	
Oven	Temp. Range	RT~450℃
	Temp. Accuracy	≤±0.1℃
	Temp. Program	16-phase
	Max. Temp. Heating Rate	40°C/min
Detector	Hydrogen Flame Ionization Detector (FID)	Detection limit: ≤3*10 ⁻¹² g/s(Sample: n-hexadecane)
		Baseline drift: ≤1*10 ⁻¹³ A/30min
		Linear range: ≥10 ⁷
	Thermal Conductivity Detector (TCD) (Optional)	Sensitivity: >10000mv.ml/mg(Sample: n-hexadecane)
		Linear range: ≥10⁵
	Electron Capture Detector (ECD) (Optional)	Detection limit: ≤1*10 ⁻¹⁴ g/ml(Sample: n-hexadecane δ-666
		Linear range: ≥10⁴
	Flame Photometric Detector (FPD) (Optional)	Detection limit: ≤2*10 ⁻¹¹ g/s(S of thiophene)
		Detection limit: ≤1*10 ⁻¹² g/s(P of methyl parathion)
		Linear range (S): ≥10³
		Linear range (P): ≥10 ⁴
	Nitrogen and Phosphorus Detector (NPD) (Optional)	Detection limit: ≤1*10 ⁻¹² g/s(Azobenzene)
		Detection limit: ≤1*10 ⁻¹² g/s(Marla sulphur phosphorous)
		Linear range: ≥10³
Power Supply	AC110/220V±10%, 50/60Hz	
Standard Accessory	FID detector, Chromatography workstation software	
Optional Accessory	Sample injection system, TCD, ECD, FPD and NPD detector, Chromatographic column	
Package Size(W*D*H)	800°570°650mm	
Gross Weight	75kg	

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