

GC-9802 Gas Chromatography



Brief Introduction

GC-9802 gas chromatography comes with reasonable structure, stable and reliable performance, simple operation and easy maintenance. It can be widely used in the production and scientific research departments such as petroleum, chemical industry, pesticide, medicine and hygiene, commodity inspection, environment protection, college and so on. It is to detect organic solvents, the solvent residue of printed packaging materials and the purity or content of a single solvent.

Standard

QBT 2929, GB/T 10004-2008, YBB 00132002

Product Feature

- ◆ Economical and practical, excellent performance and quality.
- ◆ Adjustable gas circuit pressure, stable flow, with multiple gas circuit system of nitrogen, hydrogen, air, exhaust, shunt , cleaning.
- ◆ LCD screen displays temperature in real time.
- ◆ Cellular overall structure design, convenient to install and maintenance.
- ◆ Advanced noise resistant system, work quietly.
- ◆ Over-temperature protection function, with program protection and circuit protection double insurance.
- ◆ With data workstation, professional software support and powerful data analysis function.
- ◆ Display working condition and chromatogram curves; curves can be zoomed and moved.
- ◆ Professional test report, can export PDF file.
- ◆ Manual button switch, its function is equal to “start collecting”, which is convenient for sampling.
- ◆ Easy to operate detector and baseline calibration.

Specifications

Item	Technical Parameters
Detector	hydrogen flame detector (FID) (optional for others)
Detector Parameters	Sensitivity $Mt \leq 1 \times 10^{-11} \text{g/s}$ (n-hexadecane) ; baseline drift $\leq 0.02 \text{mv/h}$; noise $\leq 0.02 \text{mv}$
Chromatographic column	OV-1701 capillary-column chromatography, 50m*0.32mm*0.5um, maximum service temperature:400°C (optional for other chromatographic column)
Injection port	Capillary column injection port (optional for packed column injection port)

Item	Technical Parameters
Column oven size	240×210×240mm
Temperature range	Highest 400℃
Temperature controlling accuracy	0.1%
Temperature resolution	0.1℃
Heating rate	0~40℃/minute
Carrier gas source	N ₂ , purity 99.99%, 0.4MPa, dry
Hydrogen gas source	Purity 99.99%, 0.4MPa, dry
Air source	0.4MPa, dry, clean, oil-free
Air connection	Φ3mm gas pipe
Instrument size	500×550×500 mm

Note: GBPI is always committed to product innovation and improved performance, so accordingly product technical specifications are subject to change without notice. GBPI reserves the right to amend and the final power of interpretation.