

# Gas Chromatograph GC112A

The GC112A gas chromatograph is a versatile analytical instrument for separating and analyzing volatile substances. It features a stable and reliable temperature control system.



## Overview

### Professional Gas Chromatography System

The GC112A is a high-precision gas chromatograph designed for robust analytical performance. Featuring a micro-processing system with a user-friendly human-machine interface, it offers intuitive operation for both educational settings and industrial research. Its advanced temperature control and stable airflow systems ensure reliable results across diverse applications, including environmental monitoring, organic chemistry, and hazard analysis.

## Control & Interface

Control System	Micro-processing system with large-scale integrated circuit
Display Technology	Large screen liquid crystal Chinese character display

## Temperature Control

Temperature Control Precision	High precision, 5-stage programmed temperature control
Operating Capability	Stable performance near room temperature

## Gas Flow System

Carrier Gas Path	Voltage and current dual stable gas path system
Flow Regulation	Digital knob regulation with high reliability

## Sampling & Injection

### Injector Features

- Membrane cleaning function
- Ghost peak prevention
- Capillary split/splitless injector
- Packed column compatibility

Injection Modes	Split, Splitless, Back pressure control
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## Detection

### Detector Options

- Double hydrogen flame detector
- TCD thermal conductivity detector

## Applications

### Target Applications

Environmental Protection • Organic Chemistry • Health & Quarantine • Hazard Analysis • Education