

Gas Chromatography Analyzer

This is a high-performance gas chromatography analyzer designed for precise analysis of gaseous samples. It features a user-friendly interface and advanced temperature control for accurate results.



Overview

High-Performance Gas Chromatography Analyzer

This advanced gas chromatography analyzer is designed for precise and reliable analysis of complex gaseous samples across diverse industries. It features a user-friendly interface with a large LCD display, intuitive operation, and robust self-diagnosis capabilities. With its modular design and versatile temperature-programmed functions, it provides accurate, reproducible results for applications ranging from environmental monitoring to pharmaceutical quality control.

Applications

Common Use Cases

- Water (drink) volatile organic compound determination
- Blood alcohol content detection
- Indoor air pollutant (TVOC) detection
- Liquor flavor component analysis
- Transformer oil analysis
- High purity gas analysis
- Residual solvent detection in pharmaceuticals
- Ethylene oxide determination

Typical Industries

Petrochemical, Environmental Testing, Pharmaceutical, Food & Beverage, Forensic Science, Public Security, Chemical Engineering

Technical Specifications

Temperature Range

5 °C

Min Temperature

450 °C

Max Temperature

Temperature Accuracy

0.1 °C

Temperature Programming

Eight-order rate, 0.1°C to 40°C/min

Design & Features

Design Highlights

- Large LCD Chinese display
- Modular design for vaporization chamber, detector, and amplifier
- Vertical heated capillary inlet system
- Self-diagnosis and power protection functions

Column Compatibility

Capillary Column • Packed Column • 0.53mm Wide Caliber