

Gas Chromatography System

This gas chromatography system separates and analyzes volatile substances. It is used in environmental monitoring, food safety, pharmaceutical analysis, and chemical research.



Overview

Advanced Gas Chromatography System

This gas chromatography system is a comprehensive analytical solution designed for the precise separation and analysis of volatile substances. The integrated setup includes a high-performance gas chromatograph unit, an automated sampler for consistent throughput, and a dedicated computer workstation. It is an essential tool for laboratories focused on environmental monitoring, pharmaceutical quality control, food safety, and advanced chemical research.

System Components

Included Components

- Gas chromatograph unit
- Automated sampler (autosampler)
- Data acquisition computer
- Analytical software suite

Applications

Primary Applications

Environmental Monitoring, Food Safety, Pharmaceutical Analysis, Chemical Research

System Capabilities

Core Functions

Volatile Substance Separation • Automated Sampling • Data Processing • Method Development