

Infitek

GAS CHROMATOGRAPH



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Gas Chromatograph

GC-900A



Description

- The GC-900A gas chromatograph significantly enhances the accuracy and reproducibility of sample analysis through a meticulously design and optimized sample injection system. Its circuit system has undergone a comprehensive upgrade, which not only substantially accelerates computation speed and improves data processing capabilities but also greatly enhances the instrument's stability and durability. This creates a more robust and efficient analysis platform for users. As a result, the instrument can maintain long-term stable operation in various application environments, easily handling the diverse daily testing needs of users.

Features

Smart Interactive Touchscreen Control

The instrument is equipped with a 7-inch high-definition capacitive touchscreen, providing users with an intuitive and convenient operating interface.

The streamlined UI design allows users to quickly get started and grasp the various functions of the instrument. Through the touchscreen, users can easily set parameters and monitor the instrument status, greatly improving work efficiency and user experience.



Newly Optimized Injection Port

The new injection port adopts innovative design concepts and advanced manufacturing materials, significantly enhancing the stability and durability of the instrument. It supports multiple injection modes, such as manual injection and automatic injection, offering users more options.

High Stability and Durability

Relying on advanced materials science and manufacturing processes, and through in-depth optimization of structural design, the GC-900A delivers outstanding performance in various complex analytical application scenarios. Whether performing long-term continuous analysis tasks or operating in harsh environments, the GC-900A maintains excellent stability, ensuring the accuracy and high reliability of the output analysis results.



Gas Chromatograph

GC-906



Description

- The GC-906 Gas Chromatograph seamlessly integrates cutting-edge technology with a user-centred design philosophy. Equipped with a technical platform and data processing system, it is used in many laboratories and analytical institutions due to its good performance, wide range of applications and intelligent operation mode.

Features

Extra-Large High-Definition Color Capacitive Touch Screen

Equipped with a 10-inch color high-definition capacitive touch screen, it offers more sensitive and accurate touch control, allowing complex spectral details to be clearly visible.



Intelligent Maintenance Tracking and Reminders

Real-time monitoring of the instrument's operating status and the usage of key components is available. Furthermore, based on the specific conditions and needs of the laboratory, the replacement cycle or threshold for the injection septum can be set in the smart control system, allowing the system to provide more accurate reminders for replacement times.

High-Precision Gas Path Control System

The new sample introduction system and advanced manufacturing materials, coupled with a full EPC (Electronic Pressure control) system, achieve a pressure control accuracy of up to 0.001 psi.

It features ambient temperature and pressure compensation, and supports various operating modes such as constant flow, constant pressure, constant linear velocity, programmed pressure ramping, programmed flow ramping, and pulse injection, ensuring stable and accurate analysis processes.

