

Chromatography Data Processing Workstation

This chromatography workstation is designed for chromatography data processing and analysis. It offers accurate calculations, stable performance, and enhanced power for various chromatography applications.



ADDITIONAL IMAGES



Product Overview

Professional Chromatography Data Processing

This chromatography workstation is a robust data acquisition and processing system designed to handle analog signals from a wide range of laboratory chromatography instruments. Built with high-quality components for enhanced reliability and anti-interference, it is suitable for diverse fields including chemical, pharmaceutical, food, and life sciences research. The system ensures compliance with GLP standards and CFR21 Part 11 requirements, offering secure data tracking and integrity for professional laboratory environments.

Performance Metrics

Dynamic Range

10000000

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Linear Degrees	0.01 %
Repeatability	0.01 %
Highest Sampling Frequency	100 times/s

Hardware Specifications

Channels	Dual independent channel
Input Impedance	> 10 M Ω
Output Voltage Range	-2500 to 2500 mV
Minimum Peak Width	0.1 s
Communication Interface	USB

Compliance & Features

Supported Applications

- GPC (Gel chromatography)
- TVOC monitoring
- Transformer insulation oil analysis
- Natural gas and liquefied gas analysis
- Simulated distillation
- Drug and liquor analysis
- Sulphide and amino acid analysis

Compliance Standards

GLP Standard, CFR21 Part 11