

ChromGen FPLC

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ChromGen Auto Pure FPLC System

Product Introduction

ChromGen Auto Pure FPLC System is a compact modular protein chromatography system used to purify target substances such as proteins, peptides, nucleic acids, polysaccharides, etc. from micrograms to grams.

ChromGen Auto Pure FPLC System chromatography workstation is a powerful, advanced, and highly stable chromatographic data management system that integrates instrument control, method management, data analysis, standard curves, report editing, user authorization management, audit trail, electronic signature, database storage, and other functions. Comply with FDA 21 CFR Part 11/GLP/GMP related regulatory requirements.

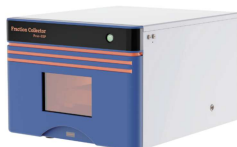
ChromGen Auto Pure FPLC System selects core components from well-known European and American manufacturers, with stable performance and high precision. The components in contact with the sample are all made of biologically inert materials, which have good biocompatibility.



Field of application

- Protein
- Nucleic Acid
- Vaccine
- Polysaccharide
- Blood Products
- Peptide
- Antibody
- Recombinant Protein
- Virus

Fraction collector



Fraction collector(Closed)

- Closed design reduces contamination.
- Can be stacked to save space.
- High operating speed, low vibration noise, and reduced sample loss.
- Closed-loop control technology ensures high positioning accuracy.



Fraction collector (Temperature control)

- Closed design reduces contamination.
- Temperature control: 6-20°C.
- Closed-loop control technology ensures high positioning accuracy.
- Effectively avoiding the inactivation or degradation of unstable samples.

Protein Purification System

ACHROM Firin Plus is a series of flexible, user-friendly chromatography systems with independent intellectual property rights. It is used for rapid purification of target products such as proteins, peptides and nucleic acids at microgram to tens of gram scales.

ACHROM Firing Pls is also a reliable system, with its hardware and CHIRON software designed to work in conjunction with chromatography columns and filters to address purification challenges.



System Specification:

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|--------------------------|---|
| Control system software | CHIRON 2.0 or higher version |
| Size, Instrument | 560*663*516mm (W*H*D) |
| Power supply, instrument | 90-264VAC, 47-63Hz |
| Weight, Instrument | Approximately 60kg (Instrument only) |
| Working Environment | From 4°C to 35°C, no condensation water |
| Noise Level | <60 Decibels |

System Features

Molecular system design, offering multiple options for flexible application in the purification of biomolecules such as proteins and peptides.

The CHIRON software allows for intuitive and flexible method creation, system control and result analysis

The system is practical in size, making it easy to place on a laboratory workbench or in a cold cabinet.

The system maintains the proven and mature design of the ACHROM system, ensuring reliable protein purification processes.

The system is suitable for predefined method settings for all standard laboratory-scale chromatography columns.