



Chromai[®]

— 科 诺 美 —



Leaps

Ultra-High Performance
Liquid Chromatography System

UHPLC

Innovation for Better Life

Leaps

Ultra-High Performance Liquid Chromatography System

A durable and economical
choice for UHPLC systems

High cost
performance

High efficiency

Accurate analysis



Precisely meets diverse analytical
requirements of customers



Biopharma&Pharmaceuticals
Biologics | Chemical Drugs | Synthetic Biology |
Traditional Medicine | Excipients



Research & Education
University Labs | Research Institutes



Food Safety
Nutrients | Harmful Substances |
Illegal Additives



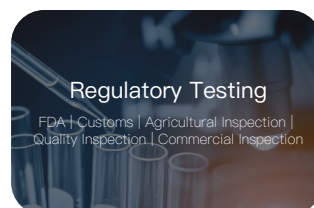
Chemical Materials
Cosmetics | Polymers | Fuels



Agriculture & Livestock
Pesticides | Veterinary Drugs | Feed



Environmental Monitoring
Pollutant Monitoring



Regulatory Testing
FDA | Customs | Agricultural Inspection |
Quality Inspection | Commercial Inspection



Public Health
Disease Control

Empowering fast analysis with reliable performance

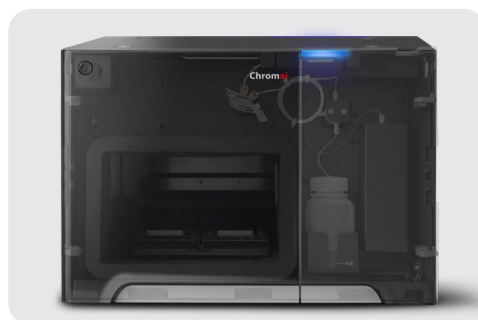
Beyond-standard pressure delivery

- Maximum pressure of 10,500 PSI (720 bar) for enhanced efficiency.
 - Pressure pulsation suppression technology; no damper needed; pulsation < 10 PSI.
 - Synchronization function improves chromatographic retention time accuracy.
-



Efficient sample delivery

- Multiple injection modes ensuring stable injection reproducibility. Optional sample tray cooling; compatible with multiple plate formats (2*54 vials or 2*96-well plate).
 - Multi-solvent washing and inner/outer needle rinsing reduce carry-over to < 0.002%.
 - Graphical tray interface for easier injection setup.
 - Supports pre-column derivatization, automatic dilution, and mixing.
 - Cross-sequence operation enabling multiple projects to run automatically.
-



Accurate temperature control system

- Large column oven capacity accommodating 4* 300 mm columns.
 - Forced-air circulation with optimized airflow ensures uniform temperature.
 - Peltier temperature control; 4°C to 85°C.
 - Built-in high-sensitivity leak sensor.
-

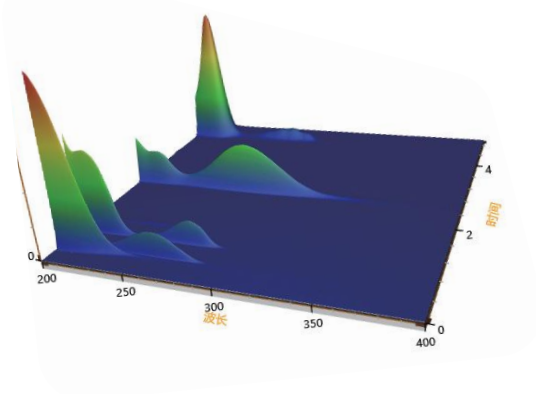


Superior Performance, Reliable Results

● Diode Array Detector (DAD)



- Pixels: 1024 pixels
- Wavelength Range: 190–800 nm
- Slit Width: 1.2 nm / 6 nm
- Monitoring Channels: 12 channels simultaneously
- Additional Functions: 3D spectra, peak purity
- Flow Cell: Max path length 60 mm



● UV-Vis Detector



- Optical Design: Automatic switching
- Wavelength Range: 190–900 nm
- Acquisition Rate: Up to 100 Hz
- Linear Range: 2.5 AU
- Standard Features: Wavelength time program, switching, stop-flow scanning
- Maintenance: Easy lamp replacement

● Fluorescence Detector

- Sensitivity: New optical design
- Stray Light Suppression: Excellent S/N
- Wavelength Range: 200–750 nm / 900 nm
- Sampling Rate: Up to 100 Hz



EyouLab Intelligent Data System

Enhances laboratory efficiency with greater accuracy and speed
Effectively reduces operational costs and risks



EyouLab CDS

EyouLab fully complies with FDA 21 CFR Part 11, GMP, GLP, and other regulatory requirements. It offers multiple deployment options, including standalone, networked, and medical versions, with multi-lingual support covering everything from sample preparation to precision medicine. Built on dozens of proprietary technologies, it combines a “smart guided interface + cloud-based data management” to simplify complex experimental operations, ensure data integrity and accuracy, and significantly boost lab capabilities and efficiency—accelerating the transition to intelligent laboratories.

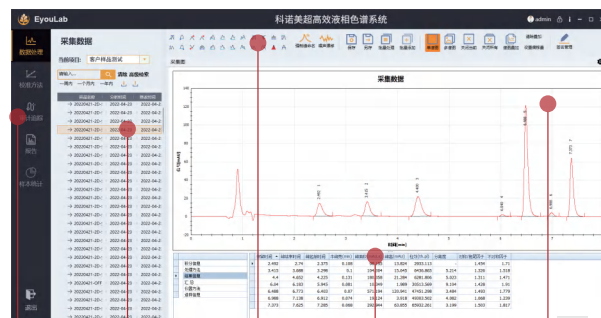


Control Panel

Multi-channel Data Acquisition

Automated Sequences

Instrument Monitoring



Data File List

Complete Attribute Parameters

Audit Trail

Powerful Data Processing

Multi-mode Data Display

Standalone Operation

Remote Access

Archiving Management

Audit Trail

Risk Management

Unified Data Management and Retrieval

Full Regulatory Compliance

Ensures Physical Security of Electronic Data

Easy Remote Access Control

Open-access Network Analysis System

Simple Installation, Startup, and Maintenance

Each acquisition terminal can control up to 4 systems



Leaps

UHPLC System



Leaps Pro

High Throughput UHPLC System



Frontier

UHPLC System

Analytical



Leaps 2D

2D UHPLC System

2D System



Leaps Pro Bio

Bio-Inert LC System

Bio-Inert



Leaps Prep

Preparative LC System

Preparative

Website: www.chromai.com

Chromai • Beijing

Address: 5th Floor, Building 10, Liandong U Valley • Lanbei
Technology Park, No. 3 Xixing Road, Shunyi District, Beijing, China
Tel: (86-10)80429960

Chromai • Suzhou

Address: 5th Floor, Building 5, No. 1268 Jiaotong Road, Wujiang
District, Suzhou, Jiangsu, China
Tel: (86-512)63226066
Email: contact@chromai.com



WeChat
Official Account



LinkedIn
Official Account