

ChromGen Plus UHPLC

Ultra-High Performance Liquid Chromatography System

Ultra-high performance

A New Benchmark of Efficiency Higher-Efficiency
LC Solutions Meeting More Application Scenarios and Analytical Needs

New generation of UHPLC Unparalleled analytical efficiency experience

- Ultra-high pressure resistance up to 16000 PSI (1100 Bar) brings ultra-high separation efficiency
- Ultra-low dispersion total reflection flow cell significantly reduces the extra-column volume, improves sensitivity, and fully satisfies ultra-high performance analysis
- Ultra-stability and lower flow rate enable small proportions to operate stably, accurately, and durably



ChromGen Discovery HPLC

**Economical and durable quality choice.
Reasonable price, stable and durable quality, it is the best
choice for reducing project
investment and quickly obtaining return on investment.**

Pressure Delivery Beyond Conventional

- The maximum withstand pressure is 10500PSI (720 Bar), surpassing the conventional and improving the efficiency
- Pressure pulsation suppression technology, no damper required, pressure pulsation < 10 PSI
- Support multiple solvent mixing modes

Efficient sample delivery and analysis

- Ultra-high injection repeatability, with a variety of injection modes, to ensure accurate and reliable quantitative results
- Flexible sample tray options (2*54 or 2*96 well plates) and optional sample chamber refrigeration
- Inner and outer needles comprehensively reduce sample residue to < 0.0025%
- Running across sequences, the graphical sample tray selection interface makes sample injection easier to set up and analyze

Accurate and fast temperature control system

- Large-capacity column oven, which can accommodate four 300mm long chromatographic columns
- Forced air circulation design, maintain $\pm 0.1^{\circ}\text{C}$, making the temperature field more uniform
- Recording of column usage information to ensure compliance with regulatory guidelines

