

Agress1100+ High Performance Liquid Chromatography System



Features:

- * Compatible with both normal-phase and reversed-phase solvents, suitable for use in GPC systems, and supports solvent exchange.
- * An optimized, high-efficiency heat dissipation structure ensures stable system operation under demanding condition.
- * The fully upgraded sealing design minimizes system performance degradation and consistently delivers accurate test results.
- * The front panel is coated with a corrosion-resistant finish, enhancing the product's durability against a wide range of solvents.
- * Compatible with Kromstation and Rubikstation chromatography workstations (network versions), compliant with data integrity regulations.



D1100+ UV-visible Detector:

Item	Specification
Wavelength Range	190~700nm
Light Resource	Deuterium lamp
Display	2*16 LCD
Spectral Bandwidth	8nm
Wavelength Accuracy	±1nm
Wavelength Repeatability	≤1nm
Set Fan of Wavelength-time Program	0.1~999.9min
Response Time	0.1~5.0s
Noise	≤±1×10 ⁻⁵ AU(Empty flow cell, 254nm, constant ambient temperature)
Drift	≤1.5×10 ⁻⁴ AU/h(Empty flow cell, 254nm, constant ambient temperature)
Linearity Range	≥1.8AU(5%, 254nm)
Optical Path of Flow Cell	10mm
Withstand Voltage of Flow Cell	≤8MPa
Communication Mode	RS232 or USB

P1100+ High-Pressure Constant Flow Pump:

Item	Specification
Flow Rate	0.001-10.000 mL/min(Step: 0.001 mL/min)
Accuracy	≤ ±0.3%(1.0 mL/min, 8±2 MPa, water, ambient temperature)
Precision	≤ 0.085%(1.0 mL/min, 8±2 MPa, water, ambient temperature)
Max Pressure	45MPa(0.001~5.000mL/min) 20MPa(5.001~10.000mL/min)
Pressure Accuracy	±3% or <±0.8 MPa
Pressure Pulsation	≤1%
Leak-proofing Capability	Pressure drop≤1.5MPa(40MPa, 10min)
Communication mode	RS-485
Dimension/Net Weight	420*260*160mm/14kg
Power Supply	AC220V, 50Hz
Power	80W



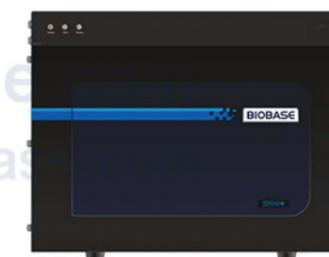
O1100+ Series Column Oven:

Item	Specification
Temperature Range	Ambient temperature+5~99°C
Setting Precision	0.1°C
Temperature Accuracy	≤±0.5°C
Temperature Stability	≤0.2°C



S1100+ Autosampler:

No.	Items	Specifications
1	Injection range	0~100μL, 500μL, 2mL
2	Injection repeatability	RSD<0.3% Full sample loop injection(standard conditions) RSD<0.5% Partial volume injection(lossy injection, standard conditions) RSD<1.0% Partial volume injection(without loss, standard conditions)
3	Injection linearity	R ² >0.999
4	Sample residue	<0.01%
5	Highest pressure	45MPa
6	Communication method	UDP network communication
7	Injection trigger	Digital mode, analog mode



Technical Parameters:

Model	Agress1100+(Type I)	Agress1100+(Type II)
Pump	P1100+*1	P1100+*2
Detector	D1100+*1	
Sampler Injector	Rheodyne 7725i*1	
Valve Mounting Frame	VB1100+*1	
Solvent Bottle Tray	T1100+*1	
Workstation	Kromstation*1	
System Toolkit	Agress1100+*1	
Column	Supersil ODS2 5μm 4.6*250mm*1	
Gradient Mixer	/	TD-1-15*1
Power Supply	AC220V±10%, 50Hz	
Optional Accessory	Autosampler, column, column oven, evaporative light scattering detector, differential refractive index detector, fluorescence detector, solvent bottle	
Packing Size(W*D*H)	580*400*280mm; 580*400*280mm; 580*400*280mm	580*400*280mm; 580*400*280mm 580*400*280mm; 580*400*280mm
Gross Weight	16kg; 16kg; 8kg	16kg; 16kg; 16kg; 8kg