

## EClassical 3200 High Performance Liquid Chromatography System



The newly developed EClassical 3200 high performance liquid chromatography system meets the constantly upgraded regulatory requirements and redefines the appearance design of domestic liquid phase, perfects the continuity and integrity of the analysis process, demonstrates the stability of laboratory results, and meets the feasibility.

### Feature:

- \* Classic, inherited product reliability for more accurate and consistent results.
- \* Professional, national standard technology leader, making more effective and applicable.
- \* Efficient, perfectly superb compatibility makes more convenient and easier.

O3220 Column Oven:	
Temperature range	Ambient+5~85°C
Accuracy	±0.5°C
Precision	±0.1°C
Power Supply	AC220V±10%, 50Hz/130W
Dimensions/Weight	440*160*470mm/11kg

P3210 High Pressure Constant Flow Pump:		P3220 High Pressure Constant Flow Pump:	
Flow Range	0.001~10.000mL/min(step 0.001mL/min)		
Accuracy	±2.0%(0.001mL/min~10.000mL/min)		
Precision	±0.1%(0.100mL/min~10.000mL/min)		
Pressure Range	0~70MPa		
Communication Methods	UDP Network Communication		
Power	AC220V±10%, 50Hz/100W	AC220V±10%, 50Hz/300W	
Dimensions/Weight	440*380*180mm/13kg	440*380*180mm/18kg	

D3210 UV-Vis Detector:	
Linearity	≥2.0AU
Wavelength Range	190~800nm
Wavelength Repeatability	±0.1nm
Wavelength Accuracy	±1.0nm
Noise	≤1.5×10 <sup>-5</sup> AU(Single wavelength)
Drift	≤2.0×10 <sup>-4</sup> AU(Single wavelength)
Light Source	Deuterium lamp, tungsten lamp
Optical Path	Dual wavelength
Response Time	0.1~5s
Sampling Frequency	5Hz/10Hz/20Hz/50Hz; Double wavelength 1Hz
Cell	Optical path 10mm; Pressure 1000psi
Communication Method	UDP Network Communication
Power Supply	AC220V±10%, 50Hz/100W
Dimensions/Weight	440*380*160mm/10kg

P3230 Low Pressure Quaternary Pump:	
Flow Range	0.001~10.000 mL/min(step 0.001 mL/min)
Accuracy	±2.0%(0.001mL/min~10.000mL/min)
Precision	±0.1%(0.100mL/min~10.000mL/min)
Pressure Range	0~70MPa
Communication Method	UDP Network Communication
Power Supply	AC220V±10%, 50Hz/150W
Dimensions/Weight	440*380*180mm/13kg

D3230 DAD Detector:	
Linearity	≥2.0AU
Wavelength Range	190~800nm
Wavelength Repeatability	±0.1nm
Wavelength Accuracy	±1.0nm
Noise	≤1.0×10 <sup>-5</sup> AU
Drift	≤3.0×10 <sup>-4</sup> AU
Light Source	Deuterium lamp(tungsten lamp optional)
Exposure Time	25ms, 50ms, 100ms
Sampling Frequency	5Hz(2, 10, 20)
Cell	Optical path 10mm; Pressure 8MPa
Communication Method	UDP Network Communication
Power Supply	AC220V±10%, 50Hz/100W
Dimensions/Weight	440*380*160mm/10kg

### Technical Parameters:

Model	EClassical 3200(Type I)	EClassical 3200(Type II)	EClassical 3200(Type III)	EClassical 3200(Type IV)	EClassical 3200(Type V)
Pump	P3210*1	P3220*1	P3230*1	P3220*1	P3230*1
Detector	D3210*1			D3230*1	
Sample Cell	SC3210A			SC3230A	
Solvent Bottle Tray	T3200*1				
Sampler Injector	Rheodyne 7725i*1				
Column	Supersil ODS2 5µm 4.6*250mm*1				
Workstation	Kromstation*1				
Valve Mounting Frame	VB3200*1				
Multifunctional Mounting Frame	MB3200*1				
Column Mounting Frame	CB3200*1				
System Toolkit	EClassical 3200*1				
Power Supply	AC220V±10%, 50Hz				
Optional Accessory	S3210 autosampler, column, O3220 column oven, evaporative light scattering detector, differential refractive index detector, fluorescence detector, solvent bottle				
Packing Size(W*D*H)	580*470*370mm, 580*470*370mm, 490*350*100mm, 580*470*370mm				
Gross Weight	22kg, 14kg, 4kg, 12kg	22kg, 14kg, 4kg, 13kg	22kg, 14kg, 4kg, 8kg	22kg, 15kg, 4kg, 13kg	22kg, 15kg, 4kg, 18kg