

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 auto-maticity, 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 °C~80 °C
Accuracy	±0.5 °C
Precision	≤0.1 °C
Power	AC220 V±10%, 50 Hz/130 W
Dimensions /Weight	435*137*450 mm (L* W*H)/11 kg

P3220 High-Pressure Constant Flow Pump:

Flow Range	0.001~10.000 mL/min (step 0.001 mL/min)
Accuracy	±0.2%
Precision	≤0.06% RSD
Pressure Range	0-70 MPa
Communication Methods	UDP Network Communication
Power	AC 220 V±10%, 50 Hz/300 W
Dimensions/Weight	450*350*185 mm (L* W*H)/18 kg

P3230 Low Pressure Quaternary Pump:

Flow Range	0.001~10.000 mL/min (step 0.001 mL/min)
Accuracy	±0.2% (1.00mL/min, H ₂ O, R.T. 8.5MPa)
Stability	<0.06% (1.00mL/min, H ₂ O, R.T. 8.5MPa)
Maximum Pressure	63MPa
Pulsation	≤0.1MPa(1.00mL/min, H ₂ O, R.T. 8.5MPa)
Communication Methods	UDP Network Communication
Power	AC 220 V±10%, 50 Hz/150 W
Dimensions/Weight	440*380*180 mm (L* W*H)/18 kg

D3210 UV-Vis Detector:

Linearity	≥2.5 AU
Wavelength Range	190~800 nm
Wavelength Repeatability	±0.1nm
Wavelength Accuracy	±1.0nm
Noise	≤1.5*10 ⁻⁵ AU (Single wavelength) ≤5.0*10 ⁻⁵ AU (Double wavelength)
Drift	≤2.0*10 ⁻⁴ AU/h
Light Source	Deuterium Lamp, Tungsten Lamp
Optical Path	Dual beam optical path
Response Time	0.1~5s
Sampling Frequency	5Hz/10Hz/20Hz/50Hz; Double wavelength 1Hz
Cell	Optical path 10 mm; Proof pressure 1000psi
Communication Methods	UDP Network Communication
Power	AC 220 V±10%, 50/60 Hz/100 W
Dimensions/Weight	440*378*160 mm (L*W*H)/10 kg



Technical Parameters:

Model	EClassical 3200 (Type I)	EClassical 3200 (Type II)	EClassical 3200 (Type III)
Pump	P3220*1		P3230*1
Detector	D3210*1		
Solvent Switching Module	/	Solvent switching module (built in high pressure pump)*1	/
Solvent Bottle Tray	T3200*1		
Sampler Injector	Rheodyne 7725*1		
Column	Supersil ODS2 5μm ID4.6*250mm*1		
Workstation	Kromstation*1		
Valve Mounting Frame	VB3200*1		
Multifunctional Mounting Frame	MB3200*1		
Column Mounting Frame	CB3200*1		
System Kit	EClassical 3200*1		
Power Supply	AC220V±10%, 50Hz		
Optional Accessory	Auto-sampler, Column, O3220Column Oven, D3270 Evaporative Light Scattering Detector, RI-201H Differential Refractive Index Detector, D3250 Fluorescence Detector Solvent bottle 1000ml *2	Auto-sampler, Column, O3220Column Oven, D3270 Evaporative Light Scattering Detector, RI-201H Differential Refractive Index Detector, D3250 Fluorescence Detector Solvent bottle 1000ml *4	
Package Size(W*D*H)	580*470*370mm*3 490*350*100mm*1	580*470*370mm*3 490*350*100mm*1	580*470*370mm*3 490*350*100mm*1
Gross Weight	52kg	53kg	48kg