

Medium Pressure Fast Protein Liquid Chromatography Model: 3000 Plus



▶▶▶ Description:

Fast protein liquid chromatography (FPLC) is a form of medium-pressure chromatography that uses a pump to control the speed at which the mobile phase passes through the stationary phase.

Fast protein liquid chromatography systems generally consist of a pump, a UV detector, a conductivity meter, and a fraction collector and operate at pressures of ~3,500 psi (24 MPa)

►► **Technical Specification:**

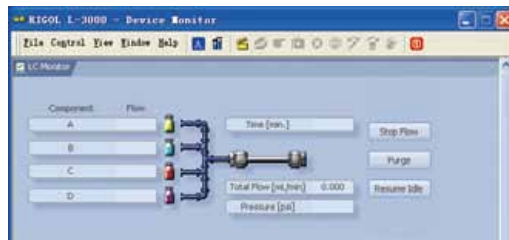
Items	Specification
Gradient System Pump	Valueless, High precision, long time, maintenance free
	Analytical Technologies 3000 Plus FPLC Dual Piston, with interchangeable solvent delivery pump heads.
Mixer	Gradient Mixing for better Separation
Flow rate:	0.001 - 10.000 ml/min
Flow Accuracy:	± 0.01% 1.000 ml / min
Flow Precision:	± 0.1% RSD 1.000 ml/min
Max. Pressure:	3,500psi
UV-Vis Detector with conductivity monitor	
Walvelength range:	190-800 nm
Wavelengths accuracy:	± 1nm
Conductivity range:	0-500 µS, 100, 200, 500, 1000, 10000 µS for Chart recorder output.
Conductivity accuracy:	+2% full scale
Flow cell volume:	6µl
Automated Sample Injection:	Portable sample injection-50µl - 5ml Static loops 25 & 90 ml Dynamic loop Compatible for large volume sample loading.
Fraction Collector	Compatible to collect fractions from 1.5 mL tubes, 15 ml tubes, 50 ml tubes & 96 well plates
Power Supply:	220VAC/110VAC
Working Temperature:	15 - 40°C

►► **Chromatography Workstation:**

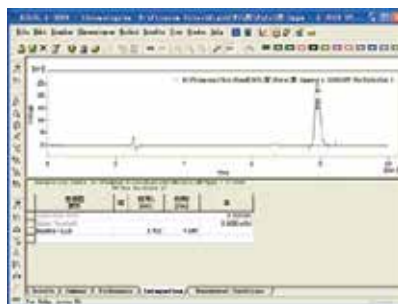
Clarity workstation furthers the capability of Medium Pressure Fast Protein Liquid Chromatography - 3000 plus with Analysis solution research and development, instrument control, data acquisition and processing, report generation, and traceable record management with versatile extensibilities.



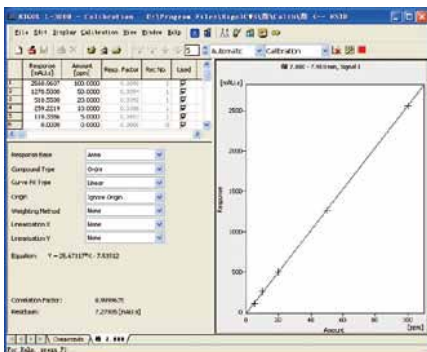
(1) Direct instrument control plus intuitive user interface give user the simplicity of operating the instrument from software.



(2) Simple method editing interface and powerful data processing with more than twenty integral functions.



(3) Various calibration procedures and customizable report editor.



▶▶▶ Regulatory compliances



▶▶▶ Corporate Social Responsibility



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2. Improving quality of life by offering YOGA Training courses, Workshops / Seminars etc.
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▶▶▶ Reach us @



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