

AutoFlash Chromatography Purification



EPC / PRODUCTS / APPLICATION / SOFTWARE / ACCESSORIES / CONSUMABLES / SERVICES

Analytical Technologies Limited

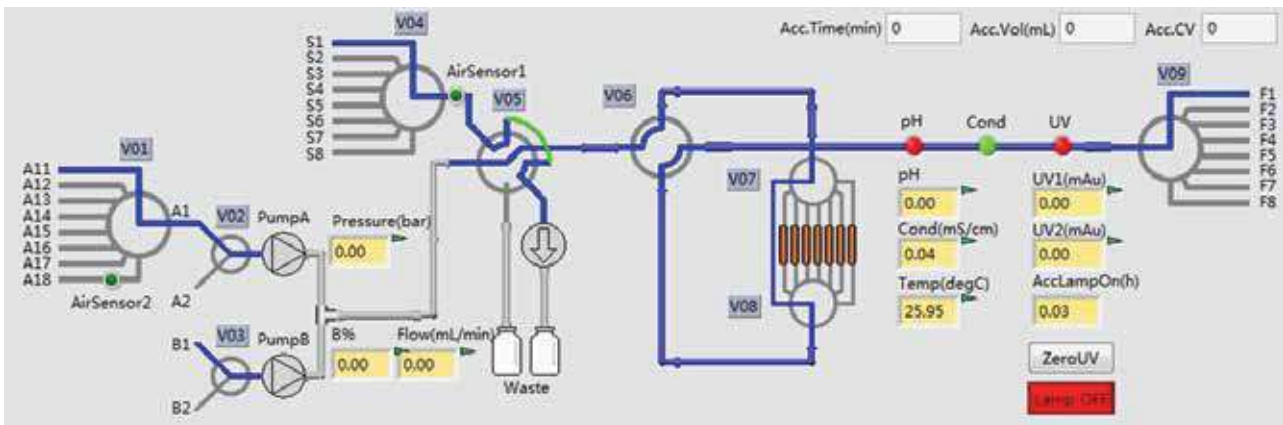
An ISO 9001 Certified Company

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▶▶ **System contained :**

- 100mL/min Piston pump *2
- Inlet valve
- Buffer prep valve, up to 11
- Sample valve, up to 8
- Sample pump
- Column selection valve, up to 8
- Flow direction switch valve
- Outlet valve, up to 8
- UV detector
- pH/cond detector after column
- pH/cond detector before column (Optional)
- Fraction collector (Optional)
- Chromatography control software (similar with Unicorn)

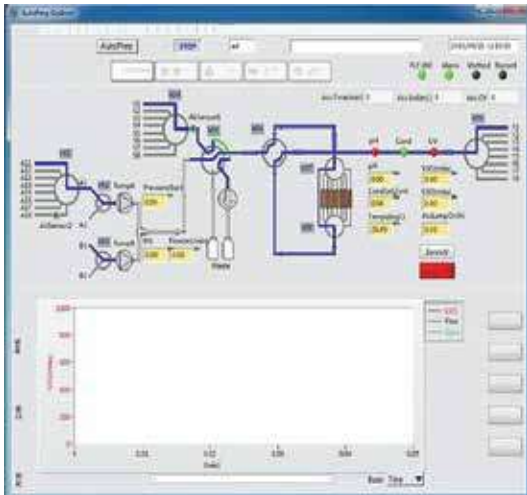
▶▶ **System PID :**



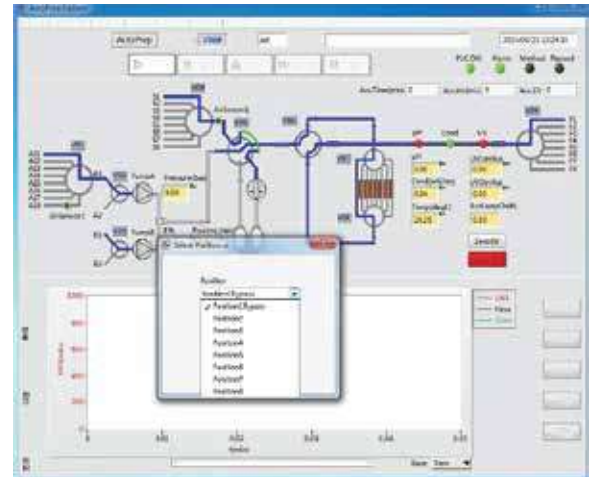
▶▶ **System parameter :**

Parameter	Description
Flow rate	Max 100mL/min (400mL/min optional)
Max Pressure	250psi (1500psi optional)
Pipe	1/8" (1/4" optional)
UV	190~400nm, two wave length,(280nm fix wave length optional)
pH	0~14
Conductivity	0~300ms/cm (0~999ms/cm optional)
Buffer inlet	Max 11 (4 optional)
Sample inlet	Max 8 (manual sample injection optional)
Column select	Max 8
Outlet	Max 8
Fraction	50, 100, 96 wall (Optional)
Solvent compatibility	All commonly used chromatographic solvents
Method number	Unlimited
Scouting	Enabled
Method queue	Enabled
Electronic signature	FDA 21 CFR Part 11

▶▶ **System view :**



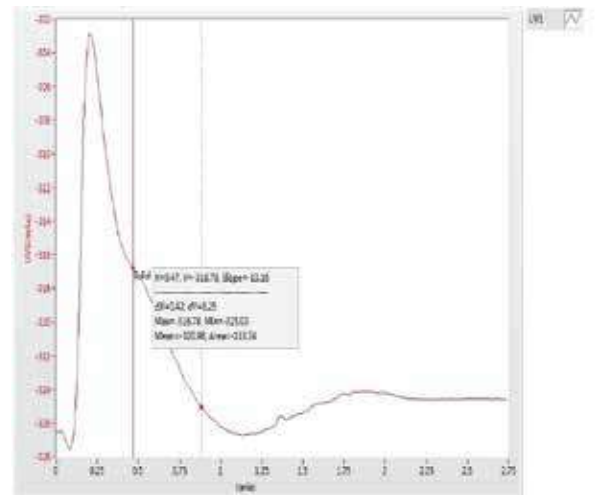
▶▶ **Valve selection :**



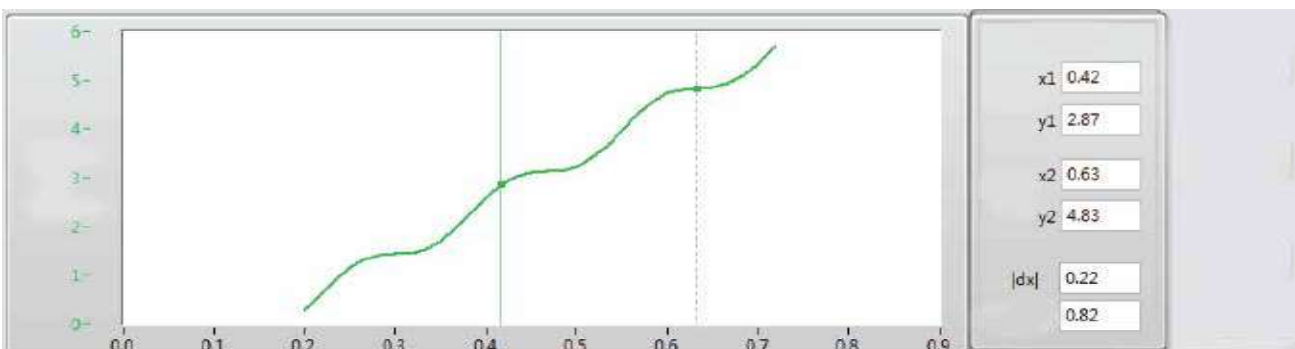
▶▶ **Method editor :**



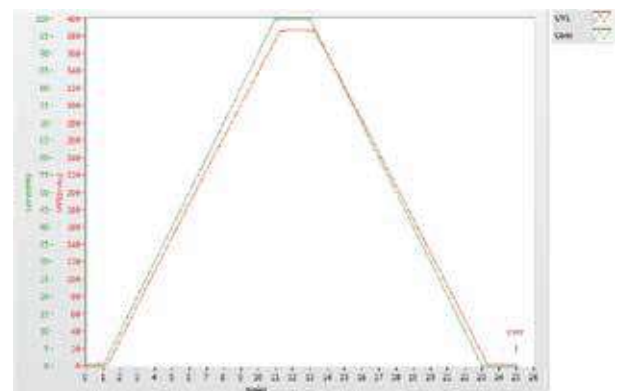
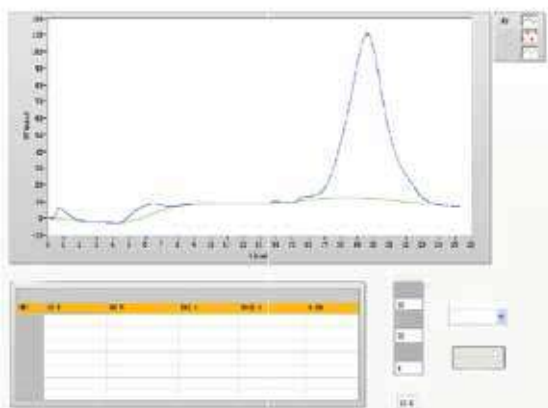
▶▶ **Data review :**



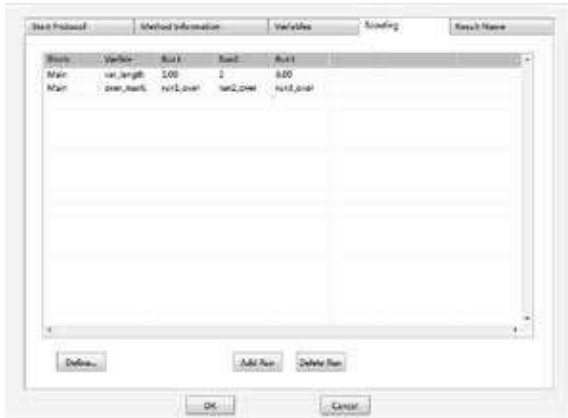
▶▶ **Chromatography calculation :**



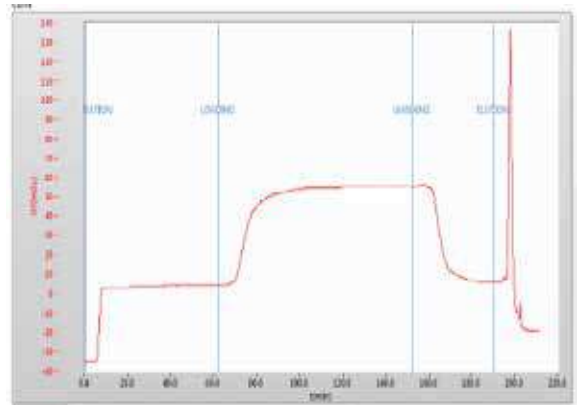
▶▶ **Gradient :**



▶▶ **Scouting :**



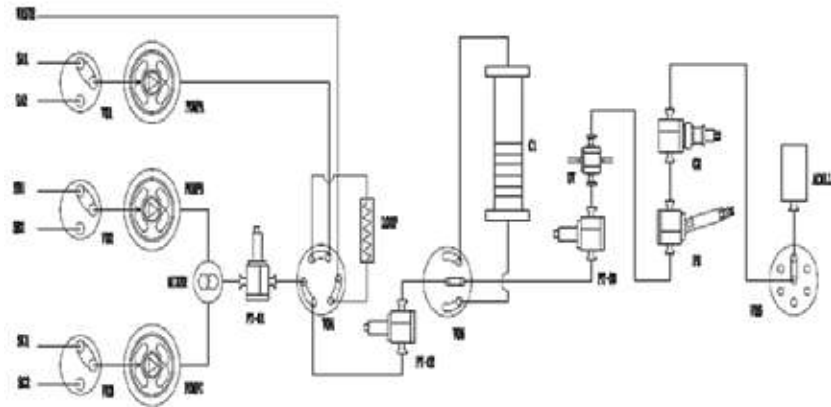
▶▶ **Running mark :**



▶▶ **AutoFlash Chromatography Purification System :**

▶▶ **System Contained :**

- 100mL/min Piston pump *2 (PUMP B, PUMP C)
- Inlet valve (V02,V03), up to 4 (SB1,SB2,SC1,SC2)
- Sample valve (V01), up to 2 (SA1,SA2)
- Injection valve (V04)
- Sample pump (PUMP A) (Optional)
- Flow direction switch valve (V06)
- Outlet valve, up to 8 (V05)
- Pressure probe before column (PT-02)
- Pressure probe after column (PT02)
- Pressure probe after pump (PT01)
- UV detector
- pH/cond detector after column (CM, PH)
- pH/cond detector before column (Optional)
- Fraction collector (Optional)
- Chromatography control software (similar with Unicorn)



Parameter	Description
Flow rate	Max 100mL/min (400mL/min optional)
Max Pressure	250psi (1500psi optional)
Pipe	1/8" (1/4" optional)
UV	190~400nm, two wave length,(280nm fix wave length optional)
pH	0~14
Conductivity	0~300ms/cm (0~999ms/cm optional)
Sample inlet	Max 2 (manual sample injection optional)
Sample Pump	Max 100mL/min(Optional)
Outlet	Max 8
Fraction	50, 100, 96 wall (Optional)
Solvent compatibility	All commonly used chromatographic solvents
Method number	Unlimited
Scouting	Enabled
Method queue	Enabled
Electronic signature	FDA 21 CFR Part 11

►► **Servicing, Validation, Trainings and Preventive Maintenance :**

- Servicing : We have team of service engineers who can attend to any make of instrument promptly @the most affordable cost.
- Trainings :We also take up preventive maintenance to reduce downtime of instrument's Trainings.
- AMC's/CMC : We offer user training both in-House and at customer sites on instrument principles, operations, troubleshooting.
- Validations : We have protocols for carrying out periodic Validations as per GLP/ GMP/USFDA norms.
- Instruments : We offer instruments/Renting Services Modules like pumps, detector etc. on Rent.



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Analytical Technologies is synonymous for offering technologies for doing analysis and is the Fastest Growing Global Brand having presence in at least 96 countries across the globe. Analytical Technologies Limited is an ISO :9001 Certified Company engaged in Designing, Manufacturing, Marketing & providing Services for the Analytical, Chromatography, Spectroscopy, Bio Technology, Bio Medical, Clinical Diagnostics, Material Science & General Laboratory Instrumentation. Analytical Technologies, India has across the Country operations with at least 4 Regional Offices, 6 Branch Offices & Service Centers. Distributors & Channel partners worldwide.

►► **Our Products & Technologies**

						
UV/VIS Spectro 2080+ Double Beam	Infra FTIR	Optima Gas Chromatograph 3007	Optima Gas Chromatograph 2979 Plus	Flash Chromatograph	Atomic Absorption Spectrophotometer	Liquid Partical Counter
						
Optical Emission Spectrophotometer	DSC/TGA	Semi Auto Bio Chemistry Analyzer	HEMA 2062 Hematology Analyzer	Micro Plate Reader/Washer	URINOVA 2800 Urine Analyzer	Total Organic Carbon 3800
						
Fully Automated CLIA	NOVA-2100 Chemistry Analyzer	PCR/Gradient PCR/ RTPCR	TOC Analyzer	Laser Particle Size Analyzer	Ion Chromatograph	Water purification system

▶▶ **Regulatory compliances**



▶▶ **Corporate Social Responsibility**

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Analytical Foundation

1. Research & Innovation Scientist's awards / QC Professional Award : Quality life is possible by innovation only and the innovation is possible by research only, hence ANALYTICAL FOUNDATION is committed to identify such personalities for their contributions across various field of Science and Technology and awarding them yearly. To participate for award, send us your details of research / testing / publication at info@analyticalfoundation.org

2. Improving quality of life by offering YOGA Training courses, Work shops / Seminars etc.

3. ANALYTICAL FOUNDATION aims to DETOXYFY human minds, souls and body by means of Yoga, Meditation, Ayurveda, Health Care, Awards, Media, Events, Camps etc.

▶▶ **Reach us @**



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