

AutoFlash Chromatography Purifier



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

Analytical Technologies Limited

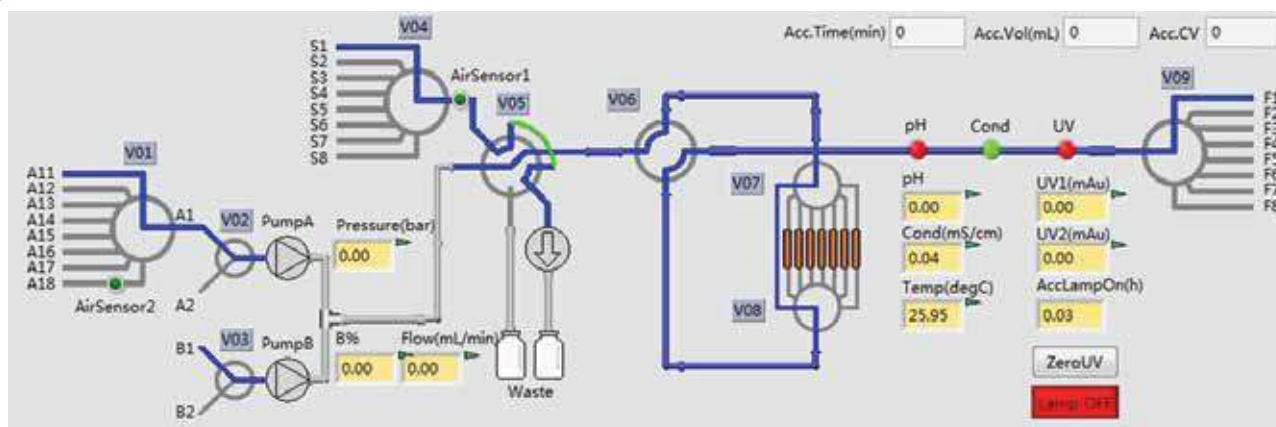
An ISO 9001 Certified Company

www.analyticalgroup.net

►► 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)

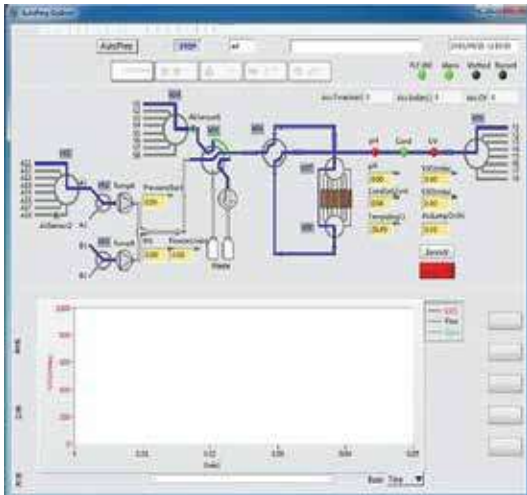
►► System PID :



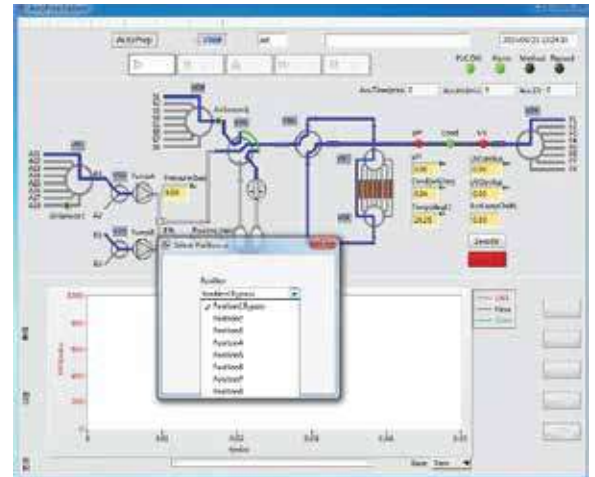
►► System parameter :

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 :



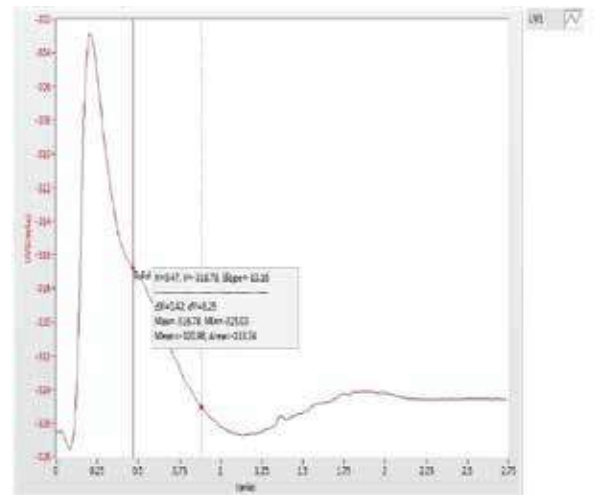
►► Valve selection :



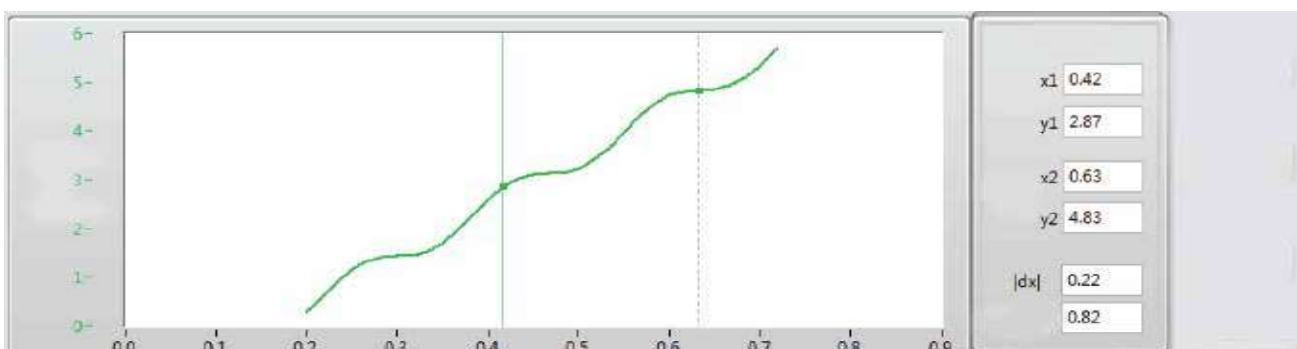
►► Method editor :



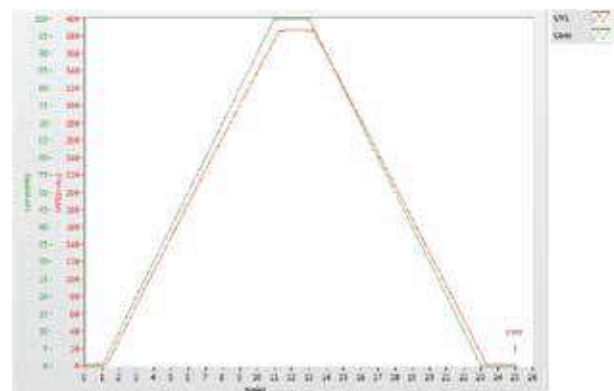
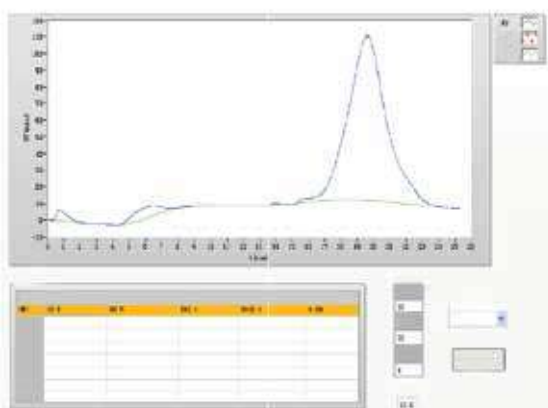
►► Data review :



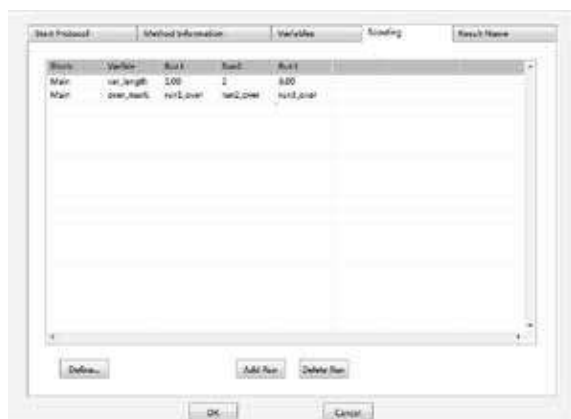
►► Chromatography calculation :



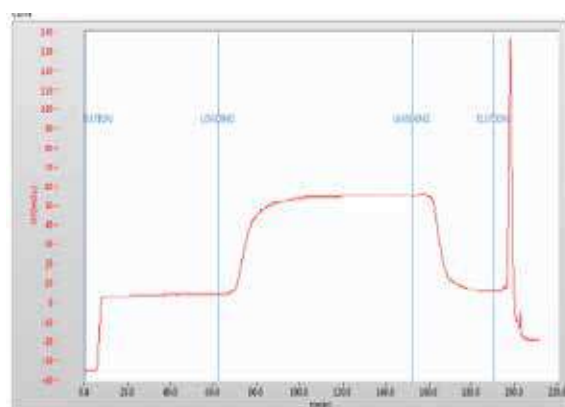
►► Gradient :



▶▶ Scouting :



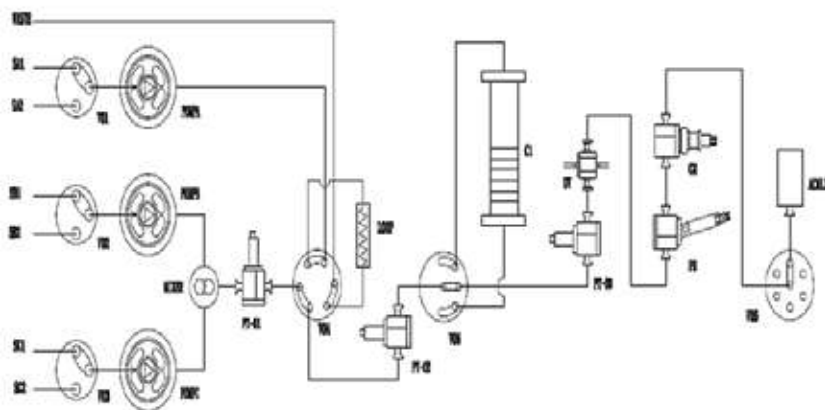
▶▶ Running mark :



▶▶ AutoFlash Chromatography Purifier 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.



►► About Analytical Technologies

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, Manufaturing, 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

Analytical Foundation is a Nonprofit Organization (NGO) found for the purpose of:



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 @



Analytical[®]

Technologies Limited

HPLC Solutions MultipleLabs Analytical Bio-Med Analytical Distributors Analytical Foundation (Trust)

Corporate & Regd. Office:
Analytical House, # E67 & E68,
Ravi Park, Vasna Road, Baroda,
Gujarat 390 015. INDIA

T: +91 265 2253620
+91 265 2252839
+91 265 2252370
F: +91 265 2254395

E: info@hplctechnologies.com
info@multiplelabs.com
info@analyticalgroup.net
info@analyticalbiomed.com

W: www.ais-india.com
www.analyticalgroup.net
www.hplctechnologies.com
www.multiplelabs.com

Sales & Support Offices:
across the country :
Distributors & Channel
partners World Wide

Note : Company reserves rights to add/delete/modify the contents / technical specifications of the catalogue without prior notice.