

# FCP-3004

## FLASH CHROMATOGRAPHY PURIFIER



### » DETAILS

Flash chromatography Purifier 3004 system is specially designed for biological product development and preparation of purification process in lab and pilot. Autodesk with high degree of automation can explore intensive procedure methods. It's Software owns strong functions, and hardware supports variety specifications of columns, multiple solvents and samples. The system is modular, functional, intelligent design, and easy for customers to choose suitable configurations according to their actual needs.

EPCC / PRODUCTS / APPLICATION / SOFTWARE / ACCESSORIES / CONSUMABLES / SERVICES

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An ISO 9001 Certified Company

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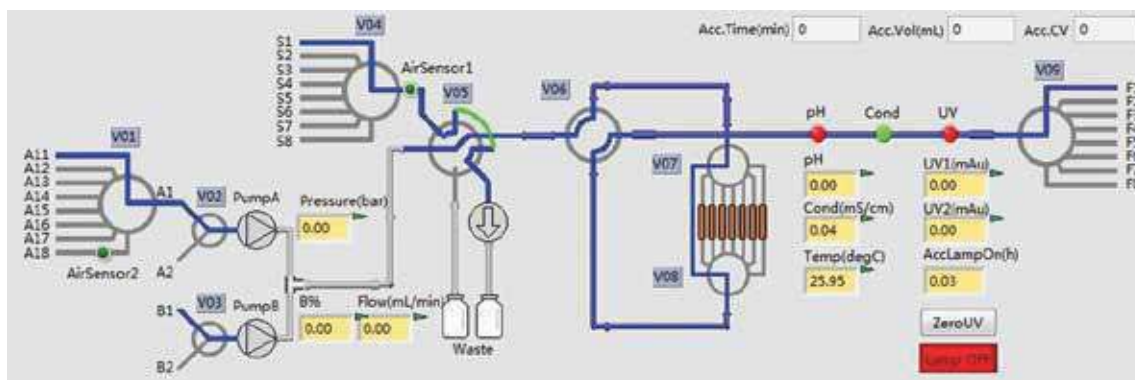
## FEATURES

- Stack design of pipeline gets the smallest dead volume;
- Customizable, flexible configuration and easy to upgrade;
- The long-distance control can be achieved.
- All valves, piston pumps and detectors utilize modular approach. Only the corresponding modules need to be disassembled as maintenance or replacement;
- Control software is autonomous development, complied with GMP specification. Data and log can be record in real-time and traced back, cannot be modified;
- The materials comply with USP Class VI. Since stainless steel shell, protection grade is IP65;
- Complete FAT, DQ/IQ/OQ verifications.
- 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)

## » SPECIFICATION

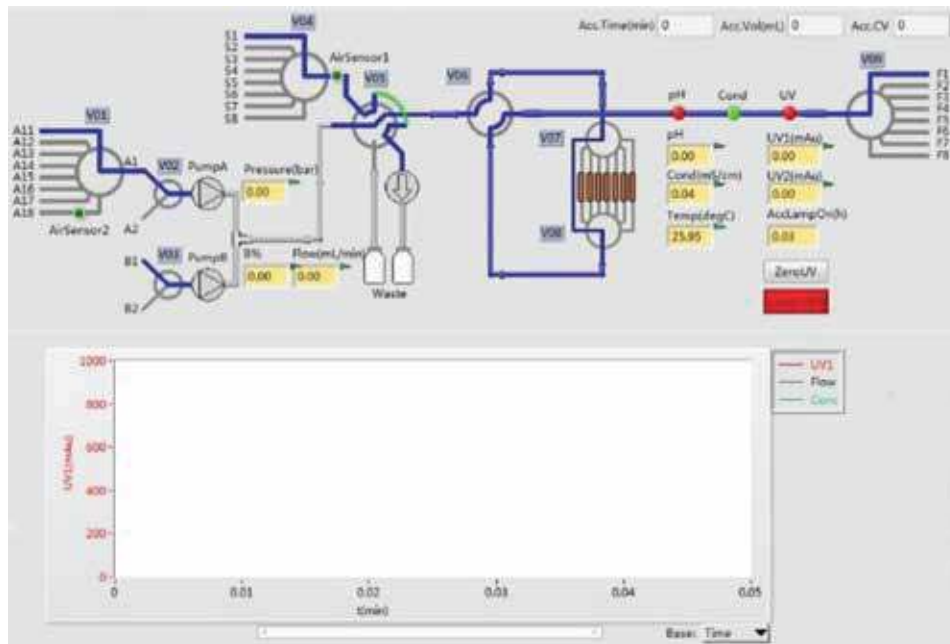
Parameter	Description
Flow rate	Max 100mL/min (400mL/min optional)
Max Pressure	250psi (1500psi optional)
Pipe	1/8" (1/4" optional)
UV	190~400nm, two wave length, (280nm fix wave length optional)
pH	0~14
Conductivity	0~300ms/cm (0~999ms/cm optional)
Buffer inlet	Max 11 (4 optional)
Sample inlet	Max 8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

## » PID

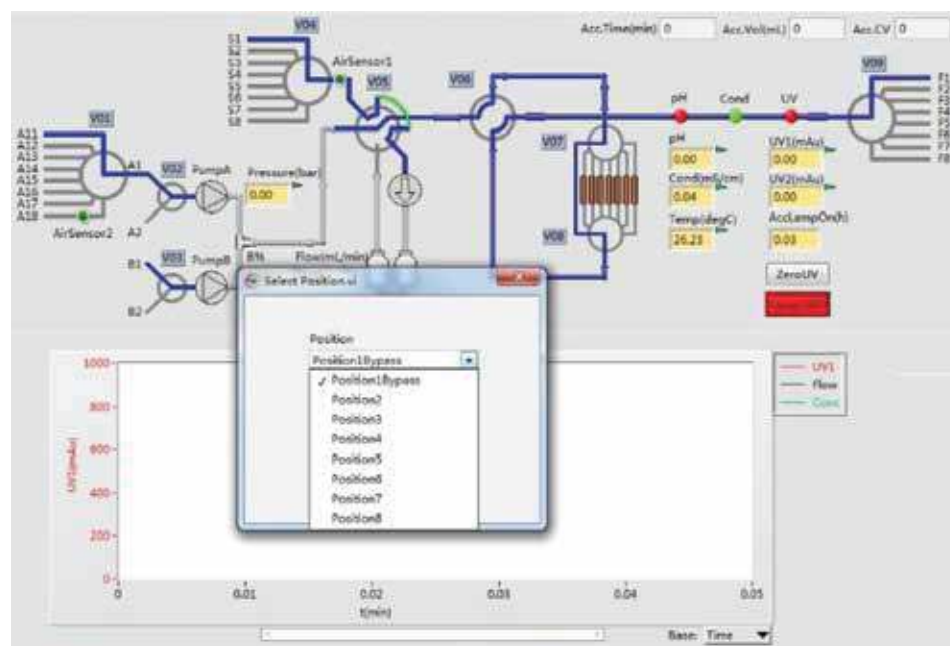


## SOFTWARE

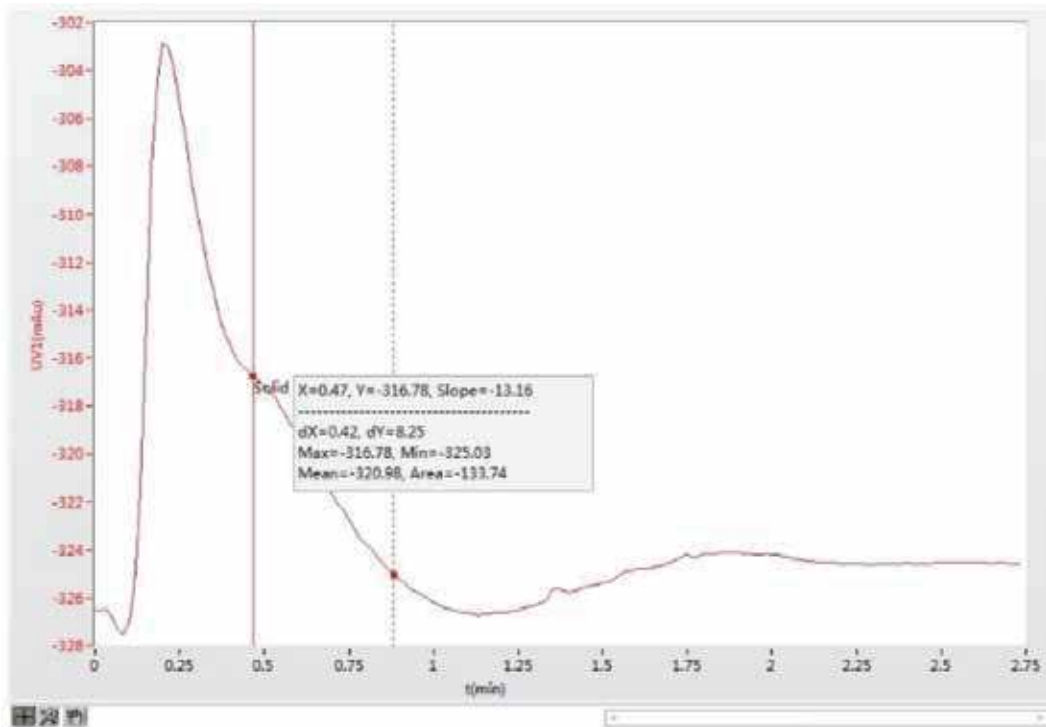
### System view



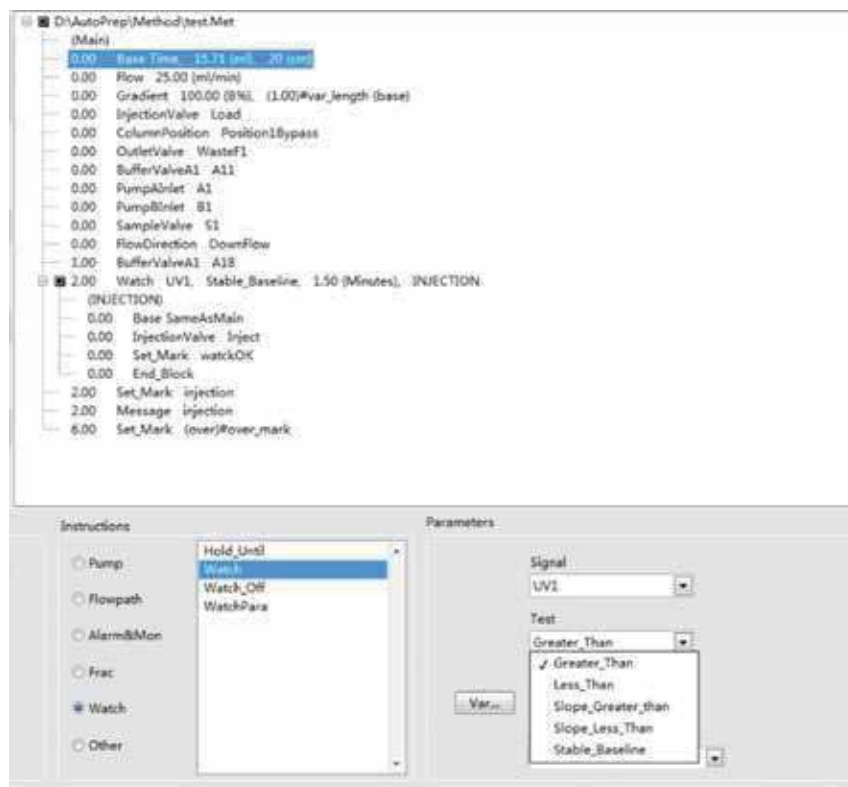
### Valve selection



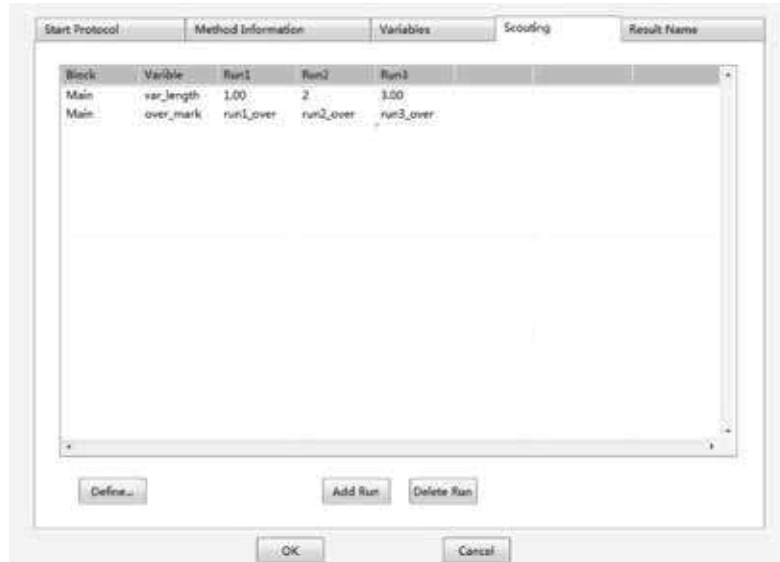
## Data review



## Method editor

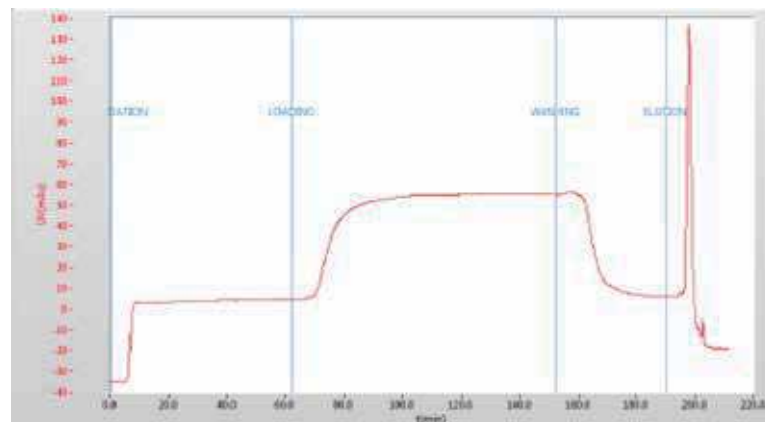


## Scouting

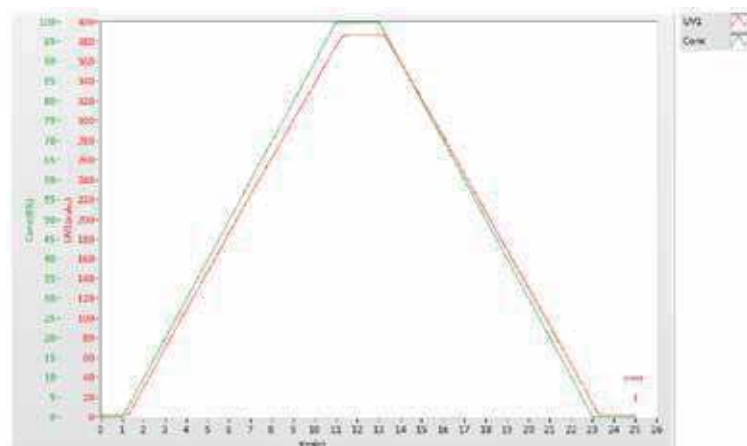


Block	Variable	Run1	Run2	Run3
Main	var_length	1.00	2	3.00
Main	over_mark	run1_over	run2_over	run3_over

## Running mark



## Running mark





## HPLC Servicing, Validation, Trainings and Preventive Maintenance :

**HPLC Servicing** :HPLC Servicing : We have team of service engineers who can attend to any make of HPLC promptly @the most affordable cost.

**Trainings** :We also take up preventive Maintenance to reduce downtime of HPLC's Trainings.

**AMC's/CMC** :AMC's/CMC :We offer user training both in-House and at customer sites on HPLC principles, operations, trouble-shooting.

**Validations** :Validations :We have protocols for carrying out periodic Validations as per GLP/GMP/USFDA norms.

**Instruments** :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 global. 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.

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RTPCR



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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](mailto: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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