

AutoFlash Chromatography Purification



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Analytical Technologies Limited

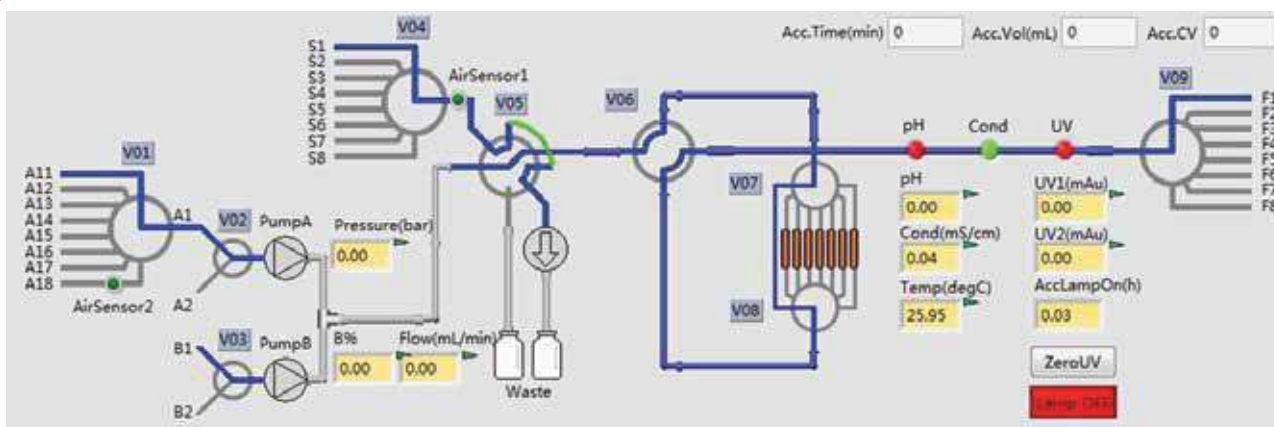
An ISO 9001 Certified Company

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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)

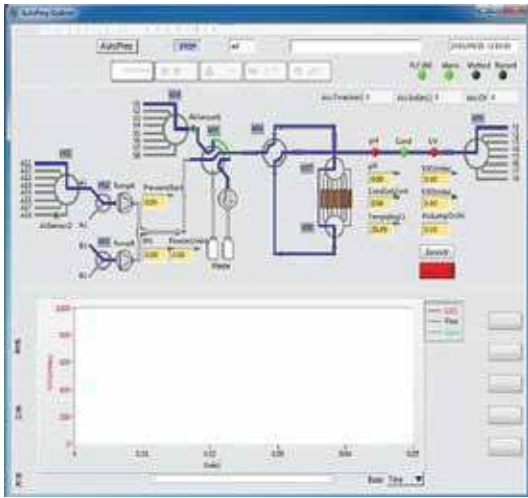
►► System PID :



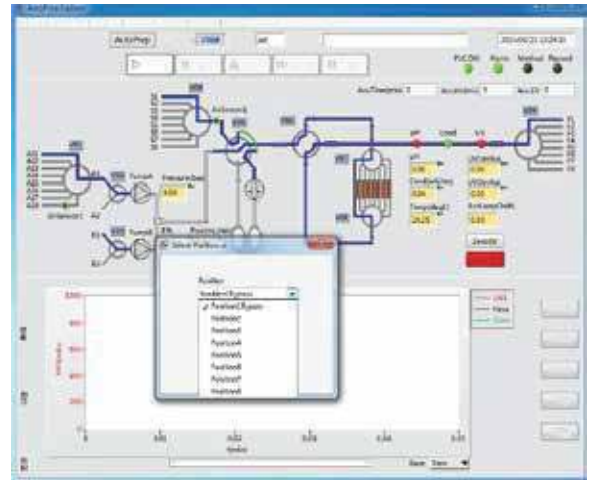
►► System parameter :

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 :**



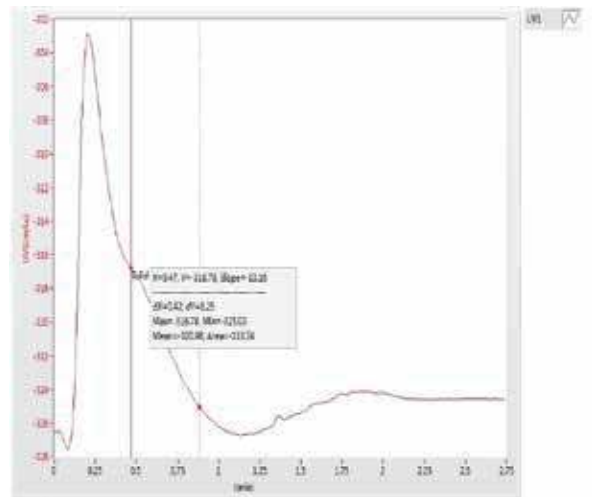
▶▶ **Valve selection :**



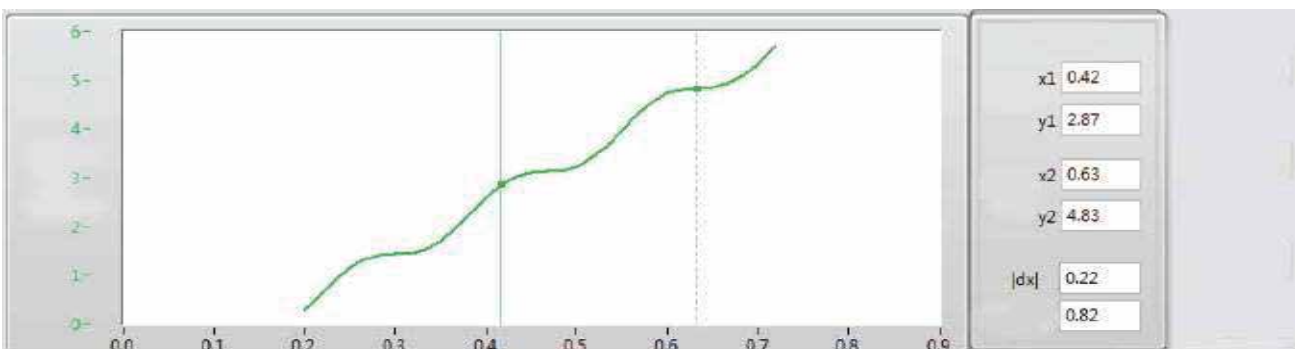
▶▶ **Method editor :**



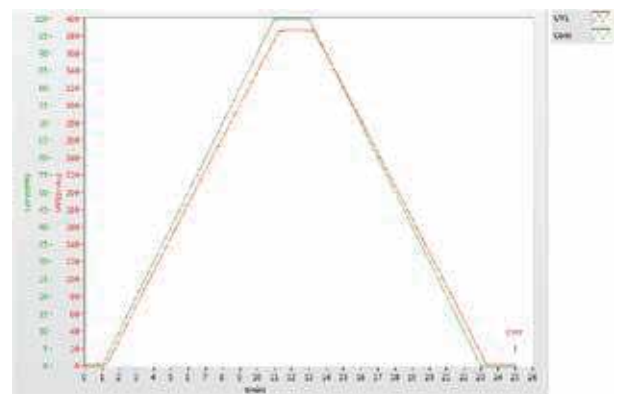
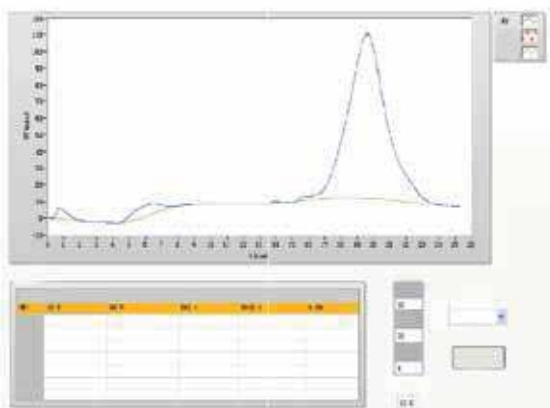
▶▶ **Data review :**



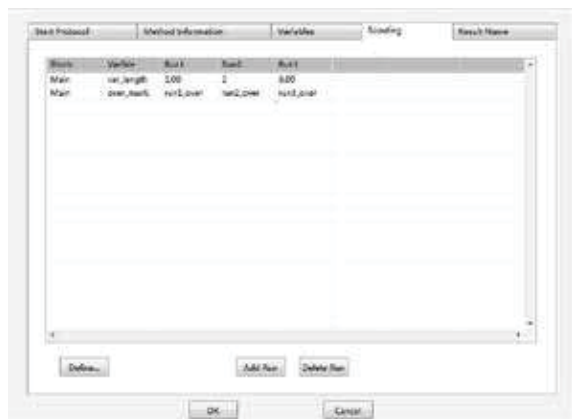
▶▶ **Chromatography calculation :**



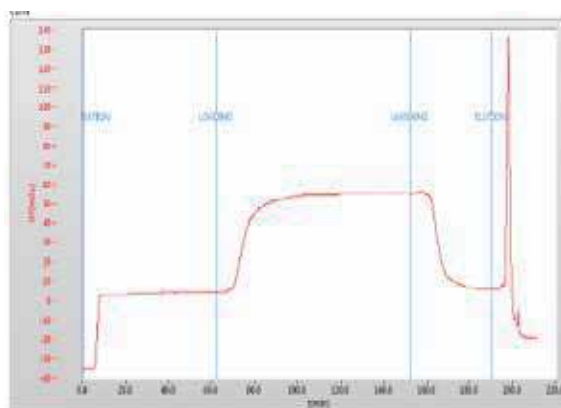
▶▶ **Gradient :**



▶▶ **Scouting :**



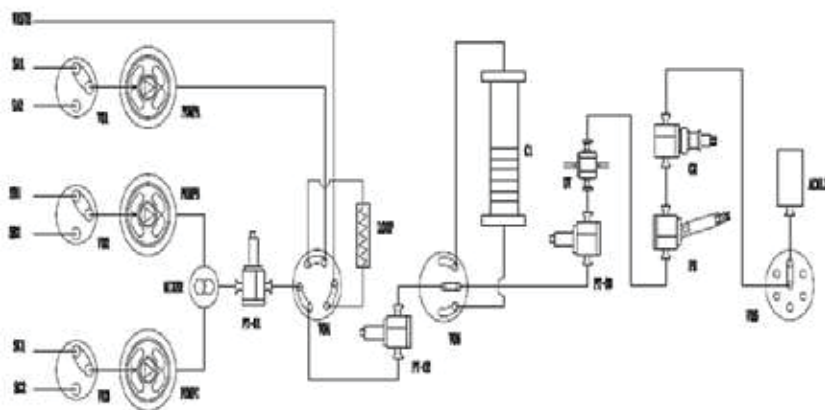
▶▶ **Running mark :**



▶▶ **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

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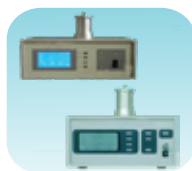
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Liquid Particle
Counter



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Spectrophotometer



DSC/TGA



Semi Auto Bio
Chemistry Analyzer



HEMA 2062
Hematology
Analyzer



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Total Organic
Carbon 3800



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CLIA



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TOC
Analyzer



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Size Analyzer



Ion Chromatograph



Water purification
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