PDR-Separations ⋀ LLC
Service, Integration, Solutions | Productivity

Advanced Laser Polarimeters (ALP)
Eluent Mixers, Column Selectors, Injector/Collectors
AutoMDS/AutoPrep/AutoCCC/AutoSMB Software and Systems
Integration/Installation, Onsite/Remote Support, Purification Services
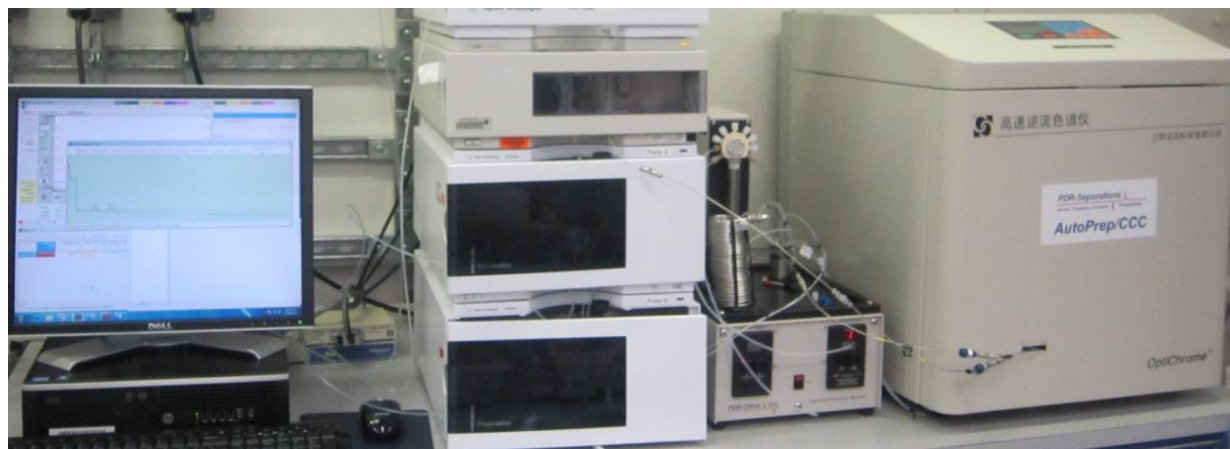
AutoCCC

Automated CounterCurrent Chromatography

Automated Method Development and/or Prep CCC

- 10 or 20 Bottle <u>Mixer</u> blends eluents from wide range of solvents for screening.
- Intelligent <u>Injector/Collector</u> injects uL/mL from 8 inlet ports (screen multiple samples, dual-port prep injections to balance MP/SP, etc.) and collects to 9 ports/fractions.
- <u>Analytical/Prep and NP/RP</u> automated valves set scale/mode for Spectrum®, etc.
- <u>AutoCCC Software</u> controls hardware, data, and methods/sequences/collections.
- Methods/Sequences, Installation, Training, and Support <u>Included</u>.

AutoCCC with 2 Agilent 1100® analytical Pumps/DAD and Spectrum® from Dynamic Extractions

AutoCCC with 2 Agilent 1200® prep Pumps/DAD and OptiChrome®-1000 from CounterCurrent Technology

Method Development:
- Fully automated method development, advanced capabilities, mixes from 10/20 solvent bottles for scouting and optimization.
- Injector has 8 inlet ports and uL to mL capacity.
- Analytical/Prep and NP/RP automated valves set scale/mode as specified in methods for dual-winding systems like Spectrum®.
- Scouting Methods/Sequences included.
- Data Processing Tool (DPT) finds good methods instantly by filtering chromatograms with selectable criteria such as minimum area, relative area, number of peaks, etc.

Prep:
- Automated prep, advanced capabilities for 24/7 operations.
- Unique real-time algorithms support dynamic peak detection and robust peak collection, even in changing conditions.
- Collect based on time, +/- voltage, +/- slope, combinations.
- Intelligent Injector can draw from 2 inlet ports to maintain mobile and stationary phase equilibrium.
- Collector with 9 ports/fractions.

Software:
- Same user interface for method development and prep.
- Hardware independent methods/sequences.
- Controls hardware (CCC, pump, DAD, etc.) from many suppliers.
- Flexible, accepts inputs from UV, polarimeter, pH etc.
- Customizations available upon request.

Support:
- Personalized technical support, specializing in custom configurations/installations and remote support.

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