

CHIRALIZER™ SERVICES

The LC SPIDERLING™ HPLC COLUMN SELECTION SYSTEM [3 to 9 HPLC Columns]

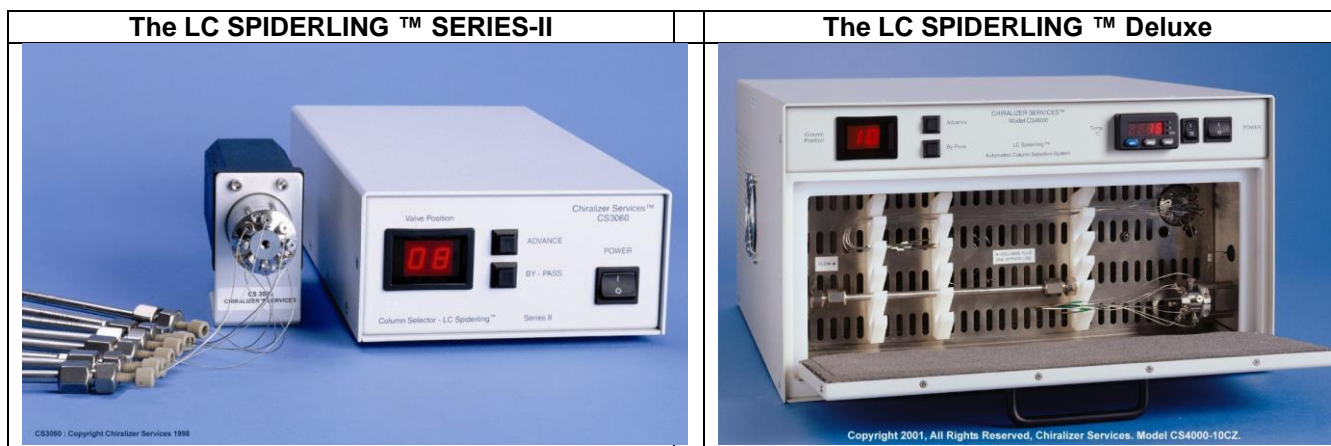
Save Thousands of dollars over other systems

An LC SPIDERLING™ column selector is an integrated HPLC automated column selection and switching module. Fully automated and push-button operated column selectors are available. LC SPIDERLING™ modules can be ordered to accommodate three (3), five (5), seven (7) or nine (9) analytical HPLC or UHPLC columns. All have super low delay volume designs and are made out of the finest materials. Stackable versions are available for the Agilent (HP) 1100, 1200, 1260 or 1290-Series HPLC & LC-MS systems. Versions for most manufacturer's systems are also available.

The LC SPIDERLING™ column selection system is offered in two versions:

- **The LC SPIDERLING™ SERIES-II**, model CS3060-Series column selection systems are available in three (3), five (5), seven (7) and nine (9) column sizes (plus one By-Pass line). These low cost ambient temperature versions can be positioned on the lab bench or placed inside one of our stackable shelf modules (i.e. CS1100-SHELF) to minimize delay volume and save valuable bench space. Great for LC-MS applications. Standard 340 Bar and *optional* 600 or 1,000 bar versions are available. Easy contact closure control allows automated operation with most brands of HPLC systems.
- **The LC SPIDERLING™ Deluxe Column Selection System**, models CS4000-06CZ and CS4000-10CZ, includes a sophisticated forced air oven design which can heat or cool [~10 to 60 C] up to five (5) or nine (9) standard sized analytical columns, respectively, at the same time! Temperature control is set from the front panel only, not through the software. This unit is designed to stack with your existing HPLC modules to minimize total delay volume. Ultra low dispersion valves, tubing and fittings are used to make all connections. Operation is easy and reliable. Standard 340 Bar and *optional* UHPLC style 600 or 1,000 bar max versions are available. Use the column selector that the experts use! Easy contact closure control allows automated operation with most brands of HPLC systems. For Agilent (HP) ChemStation and OpenLAB users, column selection (not temperature) can be controlled directly through our optional custom CS1100-AUTO software interface (CS1100-AUTO-A/B/C).

Standard 340 Bar and Ultra High Pressure 600 or 1,000 Bar Versions are Available.



Optional Interfaces:

To automate the column selection process, all LC Spiderling systems include both RS-232 serial input control and two true contact-closures for timetable control of the valve advance and by-pass functions as standard. Special "plug-and-play" control interfaces are also available as an option.

- For users of Agilent (HP) 1100, 1200, 1260 or 1290-Series HPLC systems, an optional 'Automation Control Interface' is available for automated operation of the LC SPIDERLING™ modules through your ChemStation HPLC Software. The interface works with your ChemStation or OpenLab Software (Rev 'A', 'B' or 'C'), not EZChrom, to automatically select different HPLC columns through your Methods and/or Sequence table.
- Fully compatible with popular automated method development utility software such as ChromSword using the built-in Serial RS-232 interface. True contact closure control will also work with most manufacturer's systems (e.g. Water's, Hitachi, Shimadzu, PE).

• ORGANIZE YOUR MOST FREQUENTLY USED HPLC COLUMNS.

- Immediate column availability.
- Eliminate searching the drawer for columns.
- In-line system with ultra-low delay volume.
- Push button electric switching: convenience, faster equilibrations, flushing, increased overall speed, reliability and consistency of result.
- No more disconnecting columns.
- Less wear and tear, columns stay in solvent.

• OPTIMIZE YOUR ALREADY POWERFUL Agilent (HP) Model 1100, 1200, 1260 or 1290-Series HPLC SYSTEM.

Add column selection to your existing ability to change solvent composition, wavelength, flow and sample. Make column selection a "variable" in method development. Analyze multiple samples using different columns and methods on one HPLC system, all after-hours! Improve your labs productivity.

• PROGRAM YOUR Agilent (HP) Model 1100, 1200, 1260 or 1290-Series HPLC TO AUTOMATE METHOD DEVELOPMENT

Analyze the same sample on up to nine different columns. Flush, equilibrate and test columns, in any order (full random access). Run different samples on different columns using multiple methods!

- Make analytical flushing, equilibrating and testing procedures routine.
- Literally tie a method to a column; mix methods with columns.
- Enable flushing of entire flow path - from pump to UV detector.
- Automate methods for "after-hours" operation; free your valuable time.
- Improve analysis consistency and results (minimize human error).
- Perform flow injection and fast solvent change-overs using the included By-Pass line.

Pricing: \$ 3,450 to \$10,000 (USD) * Prices noted are subject to change. Please request a quotation.

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