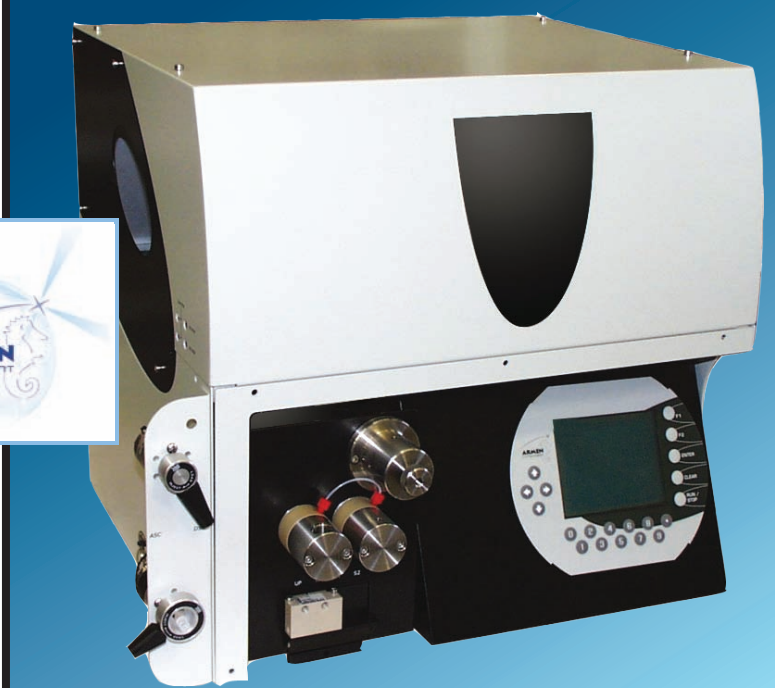
Armen SCPC-250

Countercurrent Chromatography Column

Summary

Armen's precision engineered instruments represent the cutting edge of CPC technology, capable of separations among virtually every compound class (including large macromolecules). Combined with the optional SPOT Prep system these instruments offer full computer control and peripheral integration. CCC doesn't get any more powerful or easy to use.



Outstanding Features

* Highest speed/pressure rating on the market
* Unique high-efficiency rotor design
* Easy to use control interface
* Inherent temperature stability
* Optional integrated pump
* SPOT Prep system integration

Specifications

Column type:	CPC (Single Axis)	**Dimensions:**	19" x 19" x 19" (W x H x D)
Column volume:	~250mL	**Weight:**	115lbs
Max rev. speed:	3000RPM	**Power requirements:**	110v@60Hz (220/50 on request)
Max pressure:	2175psi	**Typical flow rate:**	15-20mL/min
Temperature Control:	N/A	**Injection mass:**	milligrams to grams
Valves:	Injection and flow reversal	**Typical run time:**	30-45min

About CCC Columns

Advantages: Liquid-only CCC columns are gaining in popularity primarily because they can offer successful separations where other techniques fail. CCC however, offers a host of other advantages including: reduced solvent consumption, 100% sample recovery, predictable scalability, no on-column degradation, full polarity coverage in a single run, and a brand new column with every injection.

Systems: Our countercurrent columns provide a function analogous to other LC columns, and can be connected directly to an existing system in the same manner. If you require a complete-system solution, we can help match your chosen CCC column with tested peripherals, striking the right balance between features and cost.

Service and Support: All instruments come complete with on-site installation, comprehensive training, and one-year industry standard warranty and support. Further, we offer a variety of optional services to ensure the productivity of your new column or system. Services range from method development to production, and can be executed on-site, or at our own facilities.