

Summary

As our most popular type-J instrument, the robust and economical TBE-300B is perfectly suited for milligram to gram scale injections for the isolation or fractionation of small and mid sized molecules like natural products, synthetics, antibiotics, etc. -- with the ability to produce APIs from source material in as little as a single step!

Outstanding Features

- * Industry leading reliability and performance
- * Compact design
- * Sealed rotor compartment
- * Superb temperature stability
- * Quiet operation
- * Integrated sample injection module



Specifications

Column type:	Type-J (3-coil, planetary)	Dimensions:	13" x 22" x 24" (W x H x D)
Column volume:	~280mL	Weight:	175lbs
Max rev. speed:	1000RPM	Power requirements:	110v@60Hz (220/50 on request)
Max pressure:	290psi	Typical flow rate:	2-3mL/min
Temperature Control:	Yes (with external water bath)	Injection mass:	milligrams to grams
Valves:	Injection and flow reversal	Typical run time:	120-300min

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.