

Summary

The TBE-5000A provides high throughput and resolution, making it the perfect scale-up option for separations done on the TBE-20, TBE-300, or TBE-1000 series instruments. Achieve quality separation with injections up to tens of grams, while still providing many of the advantages of the smaller instruments.

Outstanding Features

- * Superior reliability and performance
- * Stable and safe
- * Sealed rotor compartment
- * Superb temperature stability
- * Quiet operation
- * Integrated sample injection module



Specifications

Column type	Type-J (3-coil, planetary)	Dimensions:	28" x 44" x 43" (W x H x D)
Column volume:	~4800mL	Weight:	1190lbs
Max rev. speed:	1000RPM	Power requirements:	110v@60Hz (220/50 on request)
Max pressure:	290psi	Typical flow rate:	20-50mL/min
Temperature Control:	Yes (with external water bath)	Injection mass:	grams to hectograms
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.