

## Summary

The TBE-1000A provides high throughput and resolution, making it an excellent scale-up option for separations done on the TBE-20 and TBE-300 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

<b>Column type:</b>	Type-J (3-coil, planetary)	<b>Dimensions:</b>	25" x 41" x 36" (W x H x D)
<b>Column volume:</b>	~1000mL	<b>Weight:</b>	880lbs
<b>Max rev. speed:</b>	1000RPM	<b>Power requirements:</b>	110v@60Hz (220/50 on request)
<b>Max pressure:</b>	290psi	<b>Typical flow rate:</b>	5-10mL/min
<b>Temperature Control:</b>	Yes (with external water bath)	<b>Injection mass:</b>	grams to decagrams
<b>Valves:</b>	Injection and flow reversal	<b>Typical run time:</b>	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.