

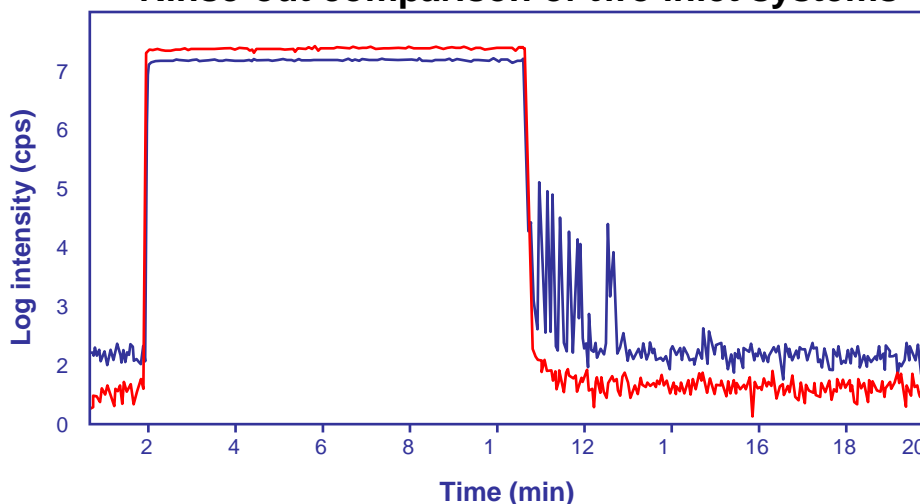
PC³-LT

Low-Temperature Peltier Cooler for Cyclonic Spray

- +2°C for aqueous / -20°C for organic solvents
- Improved stability
- Improved rinse out cycle times Reduces oxides and polyatomic interferences
- Reduced sample and skimmer cone cleaning
- No separate chiller required
- No antifreeze
- No water lines
- No algae growth
- Quartz and PFA chambers



Rinse-out comparison of two inlet systems



The PC³ will rinse out 5 orders of magnitude, 10ppb to 1ppt, of analyte in less than 30 seconds compared to the 3 minutes it takes the standard Scott spray chamber.

PC³: Five orders of magnitude rinse-out < 30 sec.
Standard Scott Spray Chamber: Five orders of magnitude rinse-out > 3 min.