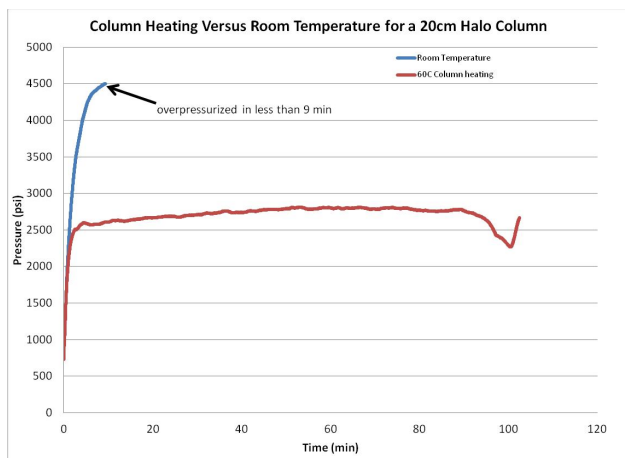


NanoLC Column Heater and Temperature Controller

- Improve reproducibility, mass transfer and dramatically reduce run pressures and carry-overs.
- Designed specifically for nano/microspray applications to increase resolution and throughput.
- Temperature range between ambient and 100 °C, with stability control to 0.2 °C
- Lengths available between 6 to 25 cm for most styles. Specify when ordering. Inquire about custom lengths.

Model numbers:

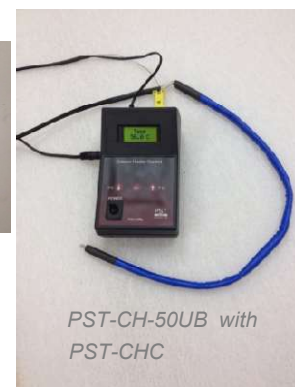
- **NEW!** PST-ESR-xx Column heater for the Easy-Spray® source. Use your own columns! xx=12-25 cm; xxU= with liquid junction union, xxT=with liquid junction Tee.
- “Butterfly” Portfolio Heater – Our most versatile heater, available as 20 cm x 4 cm and 15 cm x 4 cm heaters. For other dimensions, please inquire.
- PST-BCH heater with 0.5” diameter for a commercial PEEKsil column with end fittings. Can be inserted into the CaptiveSpray™ source.
- PST-CH-xxU: our popular “pencil” heater for bare fused silica
- PST-CH-xxUB: Bendable “pencil” heater, xx= 15-50 cm
- PST-CHC column heater controller
- PST-CHC-RC: Column heater controller with contact closure-controlled (LC or MS) switching between two temperatures. Controller has decimal point read out.



Acknowledgment: We thank Stephen Master, MD, PhD, Assistant Professor of Pathology at the University of Pennsylvania School of Medicine for the permission to publish this data.



PST-ESR – compatible with the Thermo Easy-Spray source. Pack your own columns!



PST-CH-50UB with PST-CHC

PST-CHC-RC:

- Run an analysis at around room temperature, but rinse the column at a higher temperature to eliminate carry-over.
- Run at a low temperature for the first part of a gradient to maximize coverage of hydrophilic peptides, and switch to a higher temperature at the last part of the gradient for better coverage and peak shapes of hydrophobic peptides.
- Remote shut-down of the column heater at the end of all the analyses.

Ordering Information:

(610) 876.6081 info@phoenix-st.com www.phoenix-st.com