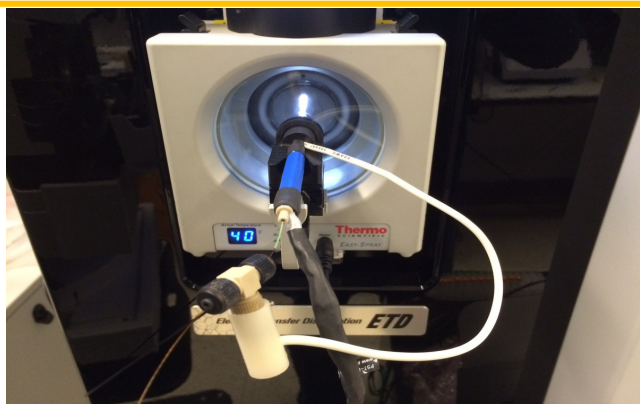


## Column Heater for Easy-Spray source

### Use any of your favorite columns!



- Plug-and-Play directly into the Easy-Spray source and is supported by the trap-column bracket on the source.

- Temperature is controlled by the Easy-Spray source with the same precision as that of the OEM Easy-Spray columns.

- Simple, flexible and low-cost

- Pack your own columns or use any fused silica capillary column with an integrated spray emitter.

- The high voltage for nanospray comes from the source and is applied through a liquid junction - Supply your own Tee or stainless steel union or purchase as a set.

PST-ESR- xx, xx=10-25 cm

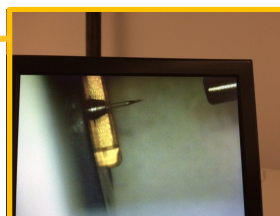
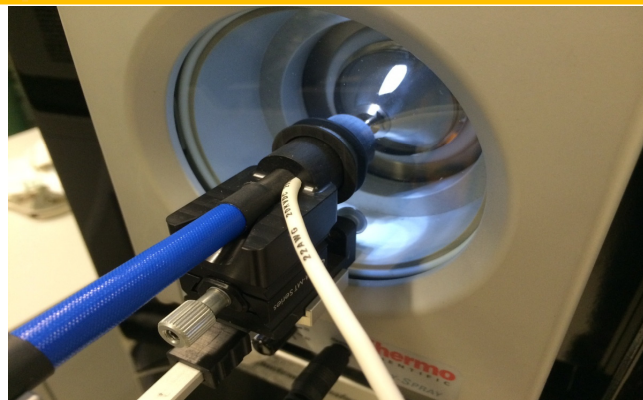
PST-ESR-xxB, xx=26-50 cm, bendable

PST-ESR-xxT with a PEEK Tee liquid junction

PST-ESR-xxU with a uPLC-compatible metal union

PST-ESRxx-RU heater with a reducing metal union compatible with NanoViper fittings

PST-ES Adaptor insert for a spray emitter without heater. Optional -T, -U and -RU



We thank Toni Koller of Columbia University for helping with the development of PST-ESR and allowing us to use these pictures.

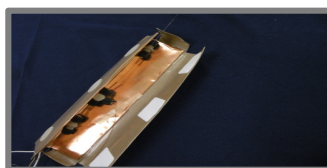
### Popular heater models for other nanoLC-MS sources

#### PST-CHC

controller for all our column heater models except the PST-ESR.

#### PST-CH-xxU

"Pencil" heater. Bendable for xx > 25 cm



PST-BPH-xx xx=10-30 cm  
Heats long columns and entire nanoLC system



PST-BCH-xx, xx=15, 30 cm  
For PEEKsil capillary columns with end fittings

### Ordering Information:

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