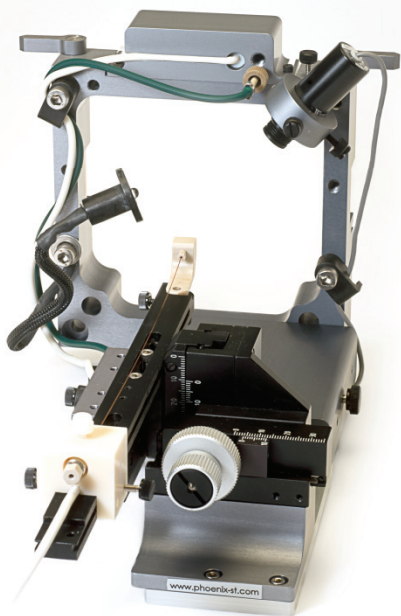


Single-column source for capillary and nanoLC-MS

PST-MS-Thermo: Compatible with Thermo mass spectrometers



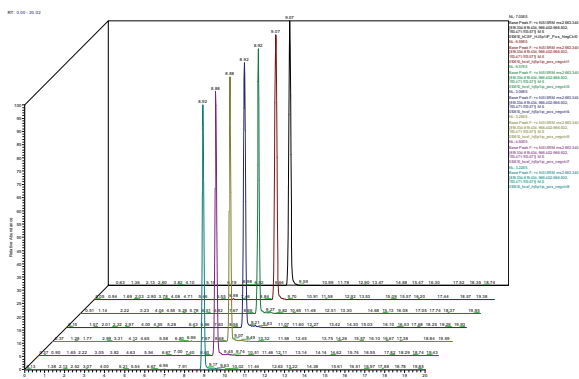
PST-MS-Thermo

- Column holder with rotatable spray head for optional off-axis spray
- Built-in sheath gas nozzle to allow 100 nanoliters/min to 10 microliters/min flow rate range.
- Spray voltage is supplied through an insulated block housing the liquid junction union or Tee.
- 3-D positioning system with large travel ranges
- Sprayview Imaging system with light, monitor and digital display software
- Optional cover

Upgradable to the Nimbus Dual-column Automated Nanospray Source

PST-MS-AB: Upgrade for the AB Sciex nanospray sources

PST-MS Thermo is compatible with Phoenix S&T's column heater for capillary column or Butterfly Portfolio heater for conventional column as well as trap column.



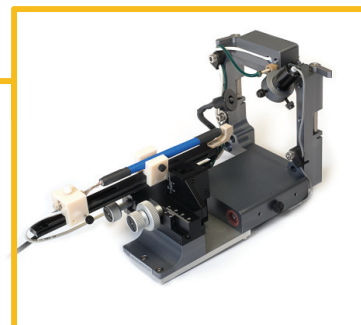
12-second peak retention time drift over 3 days-Data were taken with a PST-MS-Thermo and PST-CH-15U. We thank K. Mawuenyega, PhD, for the data.



PST-MS-Thermo for the Fusion and Quantiva MS



PST-MS-Thermo1 basic source



PST-MS-Thermo with the "pencil" heater (PST-CH-15U) for fused silica capillary columns

NanoLC MS Source Upgrades

For the Bruker and AB Sciex mass spectrometers

- Superior sensitivity, precision and flexibility
- Easy to install and use
- Nanospray with or without sheath gas
- Microspray with sheath gas
- Single or dual-column holder and rail
- Compatible with Phoenix S&T's column heaters
- Affordable

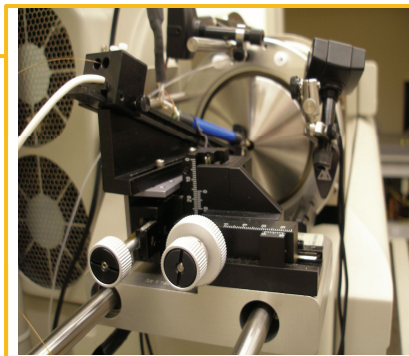
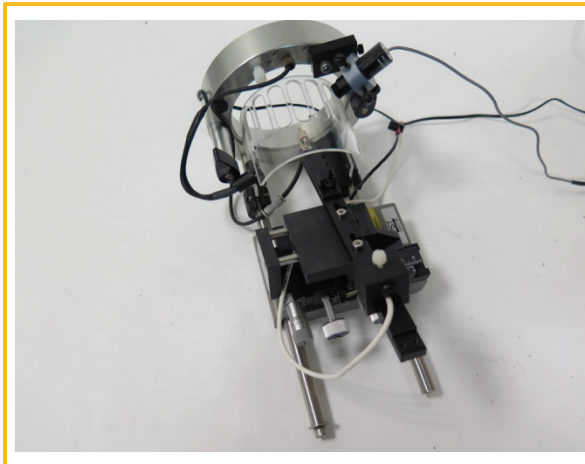
Model numbers:

PST-MS-PROBE upgrade for the Bruker Daltonics' NSI source for the Apollo source and cover

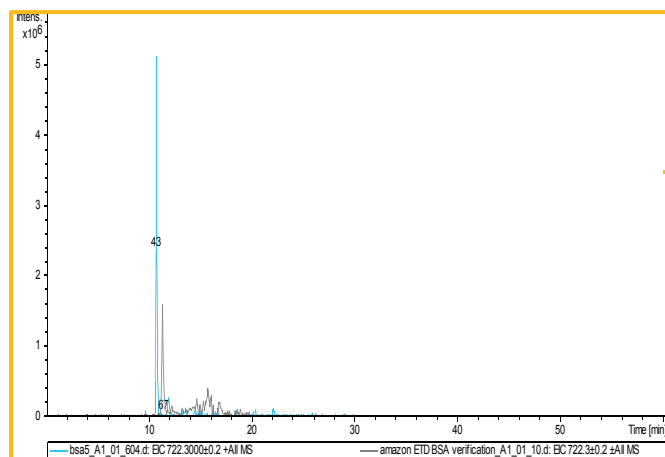
PST-MS-AB Nanospray source for the AB Sciex's 4000 and higher MS. Excludes the inlet ceramic plates.

PST-RAIL-AB upgrade the AB Sciex's Nanospray II™ spray head to a column rail

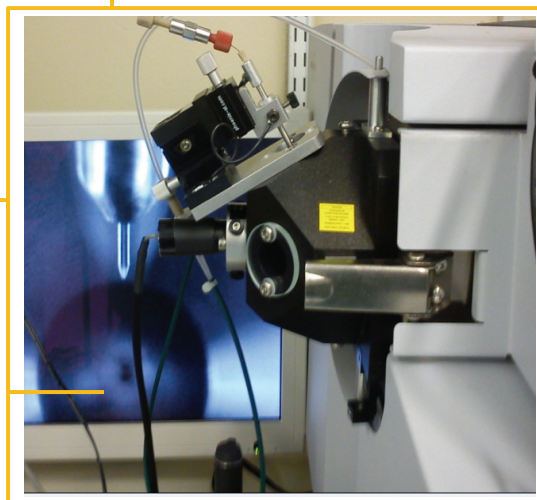
PST-Nimbus-AB upgrade the Nanospray II™ or III™ to the Nimbus automated dual-column source



PST-DUAL-AB installed on an AB Sciex 4000 with a Nanospray II source. We thank Dr. Richard Helm of VirginiaTech for providing the picture.



5 fmol BSA PST-MS-BD vs 5 fmol BSA Bruker NSI . We thank Dr. Mike Myers of ICGEB for sharing the data.



PST-MS-Probe installed on a Bruker Amazon ETD