Piccolo

Short Microbore HPLC Columns

Applications:

- · LC-MS
- Ballistic gradients
- Desalting
- Trap column
- Trace enrichment
- Microbore Guard

Unique Features:

- Tested and supplied with CofA
- PEEK/Titanium construction
- 6-32 threads for capillary fittings
- High performance

Standard Sizes:

- 10 x 1.0mm
- 5 x 1.0mm
- 2.5 x 0.5mm

The *Piccolo* family of microbore HPLC columns is a unique high performance product for LC-MS and other high-speed, small volume applications. These efficient columns are the only products of their type that are individually tested. A *Certificate of Analysis* accompanies each column.

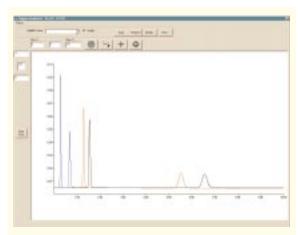
In addition to analytical microbore applications *Piccolo* columns are ideal guards for protecting longer microbore HPLC columns as illustrated below.



10x1.0mm Piccolo being used as a guard column for a 50x1.0mm analytical microbore column.



Piccolo column void volumes range from approximately 5µl to 300nL, making them perfect for a wide variety of trapping, desalting, and trace enrichment applications. These small columns can be conveniently used with micro injection and switching valves as pictured above.



10x1.0mm Piccolo Column performance as an Analytical Column and as a Guard Column.

Blue Trace: 10x1mm Targa C18 5µm Piccolo Guard Column alone

Red Trace: 50x1mm TARGA C18 5µm Analytical Column

Black Trace: 10x1mm Guard coupled to 50x1mm Analytical Column

Peak #1: Dimethyl Phthalate Peak #2: Fluorene 60% MeCN/water, 50µL/min System Variance ~6µL² at 50µL/min

Piccolo Ordering Information





TARGA C18 5µm - *Piccolo* 10 x 1.0mm TP-0101-C185

5 x 1.0mm TP-M501-C185 2.5 x 0.5mm TP-M2M5-C185



CLIPEUS C18 5µm - *Piccolo* 10 x 1.0mm CP-0101-C185

5 x 1.0mm CP-M501-C185 2.5 x 0.5mm CP-M2M5-C185



HAISIL HL C18 5µm - *Piccolo* 10 x 1.0mm LP-0101-C185

5 x 1.0mm LP-M501-C185 2.5 x 0.5mm LP-M2M5-C185

For more information about Higgins Analytical Products, please ask us or your local distributor for our catalog. It can also be downloaded from our web site www.higanalyt.com



Higgins Analytical Products are sold and supported by distributors worldwide:



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