

Packed and Capillary Columns

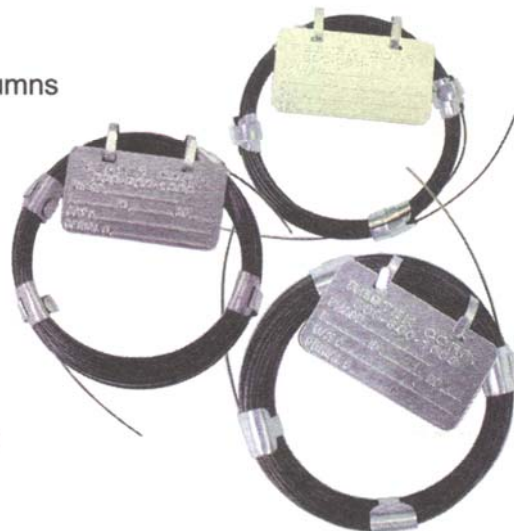
- 15, 30 and 60 meter 0.53mm Metal Widebore Capillary Columns wound on 3.5" coil
- 15, 30 and 60 meter 0.25mm Metal Narrowbore Capillary Columns wound on 3.5" coil
- 1/8" and 1/4" O.D. Packed Columns

SRI can supply and install just about any type of column. We like the metal capillary columns because they are unbreakable, can be coiled to a smaller diameter, yet cost and perform the same as fused silica columns—which can and do break.

For some applications such as gases, freons, water and others, packed columns are preferred.



The column oven on the SRI Model 8610C GC can accommodate a single 7 inch column cage or multiple columns wound on a smaller form. The column oven on the Model 310 GC can accommodate a single 4 inch column cage or multiple columns on a smaller coil.



The metal capillary columns supplied by SRI are typically wound on a 3.5" coil form and are available in a variety of stationary phases.

8600-WBC1 15 meter MXT type 0.53mm capillary column—this is a good column length for simple mixtures, fast screening, or compounds with high molecular weight

8600-WBC3 30 meter MXT type 0.53mm capillary column—a good general purpose column length

8600-WBC4 60 meter MXT type 0.53mm capillary column—this length is good for any separation with 10 or more peaks

The packed columns supplied by SRI are typically 1/8" o.d. metal or Teflon (specify when ordering). We have a wide selection of packing materials; the most common are shown below.

8600-PKC1 3-foot Silica Gel, Molecular Sieve, or HayeSep-D
1/8" packed column

8600-PKC2 6-foot Silica Gel, Molecular Sieve, or HayeSep-D
1/8" packed column

8600-PKC4 6-foot CTR column—a special 1/4" o.d. dual column for fixed gases plus CO₂

8600-PKC5 24-foot AT-1000/Carbopack B column—a special column for freon refrigerant analysis