

# D18 Capillary Tubing

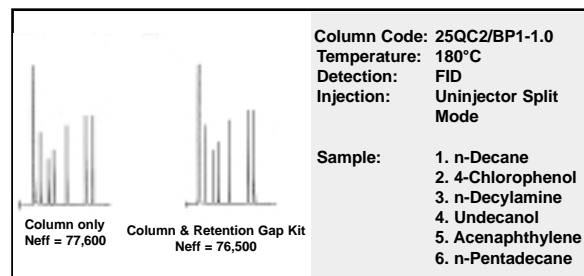
## SGE Retention Gap Kits

- Protection of analytical column.
- Enhance chromatography.
- Enable on-column injection onto small bore columns.
- Facilitate cryo-trapping

The use of a short length of deactivated capillary column (a retention gap) before the analytical column enables:

- Protection of the analytical column by retaining contamination compounds on a replaceable guard column.
- Improved peak resolution and shape by enhancing the 'solvent effect'.
- Cryogenic cold trapping with columns having a stationary phase with a high minimum temperature limit.
- On-column injection onto narrow bore high resolution column such as a 0.15 or 0.22mm ID column by using a 0.32mm or 0.53mm retention gap.

The kit consists of a two meter length of deactivated capillary tubing and an MVSU union designed to provide low dead volume connection of the retention gap to the column



| Part No. | Description   |
|----------|---|
| 052295   | Retention gap kit for 0.32mm ID capillary columns. RGK-1 kit contains 0.32mm ID capillary tubing and is designed specifically for use with small diameter high resolution 0.22 and 0.15mm analytical columns. |
| 052296   | Retention gap kit for 0.53mm ID capillary columns. RGK-2 kit contains a length of 0.53mm ID capillary tubing and can be used with all sizes of capillary columns.   |

## Flame jets for Agilent Technologies, Varian & Antek gas chromatographs



5890 FID Flame Jet,  
Part No. 103474 & 103479



6890 FID Flame Jet,  
Part No. 103475 & 103477



FID Flame Jet for Varian  
Part No. 103469



FID Flame Jet for Antek  
Part No. 103470

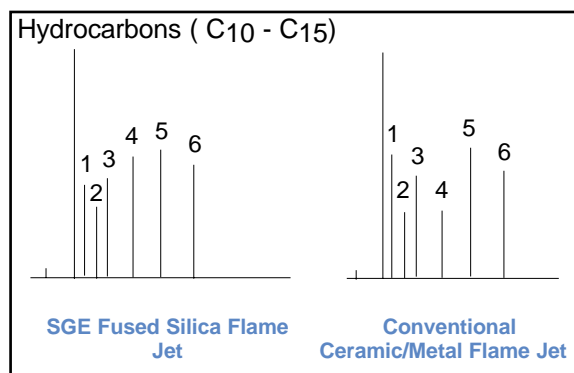
### Agilent Technologies Flame Jet

SGE's inert glass lined FID and NPD jets for Agilent Technologies gas chromatographs eliminate sample contact with metal, enabling non-critical positioning of the capillary column in the jet. The SGE jets are directly interchangeable with all existing jets in HP Model 5890, 5710/30/90A and 5830/40A that use a 65mm long jet.

### Varian and Antek Flame Jets

High purity, inert fused silica flame jets enable replacement of existing ceramic and metal jets, effectively eliminating the jet as a source of activity and peak tailing. The FJKV kit is suitable for use in Varian Model 3700, 3400, 3300 and Vista series, 3500 and 3600 gas chromatographs. The FJKA kit is suitable for use with all current Antek Models.

Flame Jet kits come complete with the flame jet, ferrule and thrust washers.



| Part No. | Description   | Temp (°C) | Length (mm) | I.D. (mm) | Tip Dimension (mm) | Price |
|----------|---|-----------|-------------|-----------|--------------------|-------|
| 103474   | Flame Jet Kit for Agilent 5890  | 400       | 61.3        | 0.9       | 0.35               |       |
| 103475   | Flame Jet Kit for Agilent 6890  | 400       | 42.3        | 0.9       | 0.35               |       |
| 103479   | High Temperature Flame Jet Kit for Agilent 5890                         | 450       | 61.3        | 1.1       | 0.43               |       |
| 103477   | High Temperature Flame Jet Kit for Agilent 6890                         | 450       | 42.3        | 1.1       | 0.43               |       |
| 103469   | Flame Jet Kit for Varian 3700, 3400, 3300, and Vista Series 3500 & 3600 |           |             |           |                    |       |
| 103470   | Flame Jet Kit for Antek   |           |             |           |                    |       |