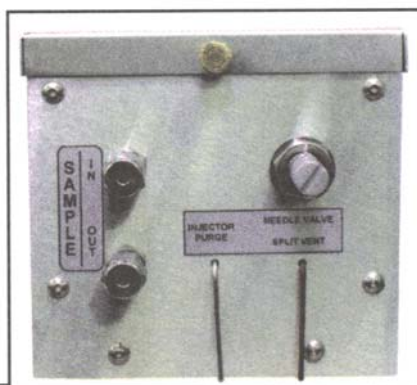


# Heated Split/Splitless Injector

- *Split, Splitless, or On-Column Modes*
- *Narrow or Wide Bore Capillary Columns*
- *Adjustable from Ambient to 300°C*
- *Adjustable Split Flow*

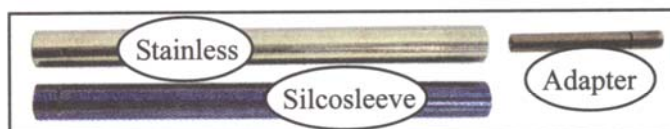


The Split/Splitless Injector is insulated to help maintain its temperature independently of the column oven temperature.



The split flow is adjustable by a precision needle valve on the front of the GC valve oven. The GC pictured here is also equipped with a gas sampling valve, with the sample IN and OUT also on the front of the valve oven.

The Heated Split/Splitless Injector permits the use of narrow-bore capillary columns (0.32mm I.D. and smaller) in split or splitless modes. Capillary columns with 0.53mm I.D. and 1/8" packed columns can be used in split, splitless, or on-column modes. The injector temperature is adjustable from ambient to 300°C. The split flow is adjustable by means of a precision needle valve, and can be turned ON/OFF with a timed Event from the PeakSimple data system. One Silcosleeve liner and one unbreakable stainless steel liner are supplied as standard equipment with the injector.



Stainless steel and Silcosleeve liners with megabore column adapter

The Split/Splitless Injector option is an upgrade to an existing On-column Injector, which is standard equipment on every SRI GC. When it is desired to add the Split/Splitless Injector as the second injector, an On-column Injector must be ordered as well (part number 8690-0023, page 58).

**8690-0034 Heated Split/Splitless Injector upgrade**