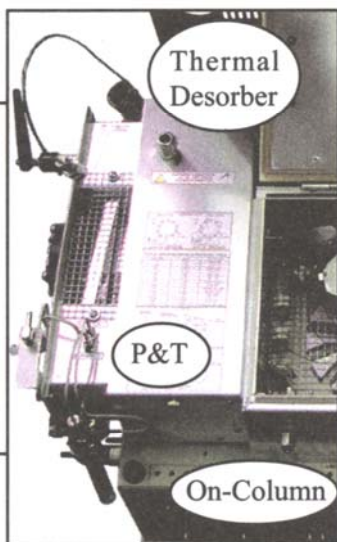


GC Injector Overview

SRI offers a wide variety of GC injectors and injection systems. Up to five injectors may be mounted simultaneously on the Model 8610C or 8610D. The Model 310 will accommodate a single On-column, Heated Flash Vaporization, Heated Split/Splitless, or PTV injector. Injector types are selected by the user depending on the particular measurement application, detection limit, and regulatory requirements. The On-Column Injector is standard equipment on every 8610, 410 and 310 GC. Heated Flash Vaporization, Heated Split/Splitless, and PTV Injectors are all upgrades to the On-Column Injector. All injectors must be installed at the SRI factory.

This 8610C GC is equipped with a Thermal Desorber, a Method 5030/5035 Purge & Trap, and a standard On-Column injector.



1. On-Column Injector
2. On-Column PTV Injector
3. Heated Flash Vaporization Injector
4. Heated Split/Splitless Injector
5. PTV - Programmable Temperature Vaporization Injector
6. 10-Port Gas Sampling Valves & 22-port Selector Valves
7. Sample Preconcentration and Enrichment Options:
 - Heated Adsorbent Traps
 - DGA-TOGA Permeation Loop Accessory
 - CryoCooled Peltier Trap
 - Enrichment Coils
8. Heated Static Headspace Injector
9. Method TO-14 Air Concentrator (1 Trap or 2)
10. Thermal Desorber
11. Method 5030/5035 Compliant Purge & Trap
12. 10-Sample 5030 Purge & Trap Autosampler
13. 20, 42, and 110 Vial Liquid Autosamplers
14. 40 Vial Headspace Autosampler

Sample Types and Appropriate Injectors

- **LIQUIDS:** On-column, Heated Split/Splitless, Heated Flash Vaporization, PTV, Heated Static Headspace, Purge & Trap, Liquid Injection Valve, Liquid Autosamplers, or Headspace Autosampler
- **SOLIDS:** Thermal Desorber, Heated Static Headspace, PTV, or Headspace Autosampler
- **GASES:** On-column, Gas Sampling Valve, Method TO-14 Air Concentrator, or Heated Static Headspace
- **SPME FIBERS:** Heated Flash Vaporization with Low Volume SPME Liner, or Heated Split/Splitless