

How to Build a Custom SRI GC

3. Choose your injectors.

Injector types are selected by the user depending on the particular measurement application, detection limit and regulatory requirements. Twelve injector types are available for installation on SRI GCs. 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. The On-Column Injector is standard equipment on every 8610C, 8610D and 310 GC. Heated Flash Vaporization, Heated Split/Splitless and PTV Injectors are all upgrades to the standard On-Column Injector.

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:	Heated Flash Vaporization with Low Volume SPME Liner or Heated Split/Splitless

4. Accessorize.

Our built-in, "whisper quiet" air compressor can supply air carrier gas or detector makeup gas.



We have Gas Line Installation Kits for any type of gas required for SRI GC systems operation.

The Methanizer accessory allows FID detection of CO and CO₂ down to ppm.



The H₂-50XR hydrogen generator supplies up to 50mL/min at 30psi.

Although many injectors and detectors can be built into every GC chassis, there are instances where certain components would occupy the same space, or we just run out of room. If you are not sure if everything you want will fit, call one of our knowledgeable technical support agents for help.

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Custom configuration

Call

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