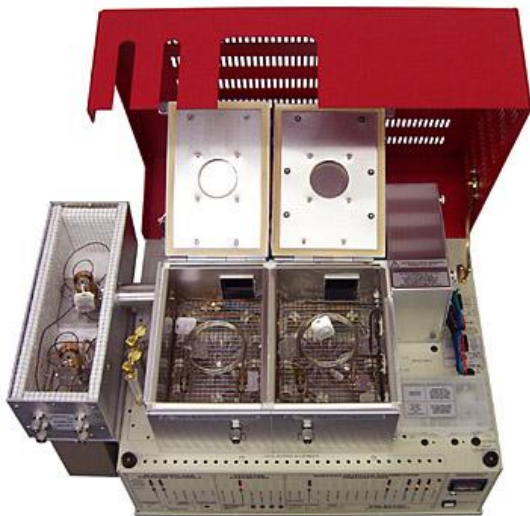


Instrument Database:

SRI Instruments - Model 8610D Dual Oven Gas Chromatograph



Year of introduction

Status available

Company SRI Instruments

Categories Chromatography: GC

- Dual Ambient to 400oC Temperature Programmable Column Ovens
- Dimensions: 19" wide x 13.5" high x 14.5" deep
- Mounts up to Six Detectors and Five Injectors

The SRI Model 8610D Gas Chromatograph is the only commercially available dual oven GC. It is similar to the 8610C, except that two smaller column ovens are substituted for the larger 8610C column oven. Both ovens are independently temperature programmable from ambient to 400oC, with unlimited ramps and holds, plus fast cool down. Each column oven can accommodate a 4-inch diameter wound column, capillary or packed. Almost all column manufacturers now supply columns this size. The dual ovens can be used to accomplish sophisticated multidimensional GC separations, where the peaks from one column are transferred to another column for further separation (see the 2D GC System on page 21). The dual ovens can also be used to double sample throughput for "two GCs in one" cost and space savings.

Standard equipment:

Model 8610D chassis; dual ambient to 400oC column ovens; On-column injector (oven #1 only) with carrier EPC; single channel PeakSimple data system; "at-a-glance" display of temperatures, pressures, voltages, and detector parameters; operator's manual; accessory kit; and a heavy duty reusable shipping container. To completely configure a Model 8610D GC, most users will need to specify one or more detectors, injectors, and columns. Some users may also need a Gas Line Installation Kit (see page 76) for each gas required (helium, hydrogen, nitrogen, etc.).

Specifications