

SPECIFICATIONS

8610C GC SERIES



Column Oven Temperature:

Ambient to 400°C, Unlimited ramps and holds, 0.01°C resolution, 0.1°C stability.

Temperature/Pressure Display

"At-a-glance" multifunctional digital LED display indicates set and actual temperature for heated zones, pressures, detector voltages, and currents.

Carrier gas flow control:

Electronic pressure control (EPC) of all system gases. Pressure-programmable from 0 to 80psi, user-programmable at up to 99psi per minute, from within PeakSimple Data System software.

PeakSimple Data System:

Includes PeakSimple Data System for integration, hardware automation, and control. Hardware mounted internally inside GC. Four detectors* input into a USB connection to PC compatible computer.

Power Requirements:

115VAC, 60Hz standard equipment. 230VAC, 50Hz available as an option. Consumption approximately 750-1500 watts. May be operated from a portable generator or inverter.

Warranty:

Two years parts and labor.
See statement of warranty shipped with the GC.

SRI SRI Instruments

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COMMON CONFIGURATIONS

- BTEX (Methods 8020 & 8015)
- Environmental/Air Monitoring (Methods T014, 8010 & 8023)
- Multi-Gas (BTU analysis, fixed gases-hydrocarbons to C10)
- CFC (Refrigerant analysis)
- SPME (Fast environmental screening)

Weight:

40 to 70 pounds (18 to 32 kilos) depending on configuration.

Dimensions:

19.5"W x 14.5"D x 12.5"H (49.5 x 36.8 x 31.8 cm)

Detectors:

Type	Approx Limit	Application
TCD	100ppm	All
PID	10ppb	Aromatics
ECD	1ppb	Halogens
FID	1ppm	Organics
NPD	1ppm	Nitrogen and phosphorous compounds
FPD	50ppb P / 500ppb S	Sulfur or phosphorous compounds
TID	1ppb	Nitro functional groups
DELCD	10ppb	Selective halogens
HID	10ppb	Trace gas analysis
FID-DELCD		Confirms halogenated peaks
NPD-DELCD		Nitrogen-phosphorous-chlorine pesticides
FID-FPD		Organics and sulfur/phosphorous
FPD-FPD		Sulfur and phosphorous simultaneously

Injectors:

On-Column	Built-in Purge and Trap
Heated	Purge & Trap Autosampler (10 vials)
Split/Splitless	Fast SPME
Liquid Autosampler	Thermal Desorber (solids)
Gas Sampling Valve	On-line Purge & Trap/Stream selector

Oven Size:

- Large Column oven:
7.8" x 7.5" x 3.0" (19.8 x 19.0 x 7.6 cm)
- Small Column (dual) oven:
5.2" x 7.5" x 3.0" (13.2 x 19.0 x 7.6 cm) - Right Side
4.5" x 7.5" x 3.0" (11.4 x 19.0 x 7.6 cm) - Left Side

*Based on two detectors in combination on one position