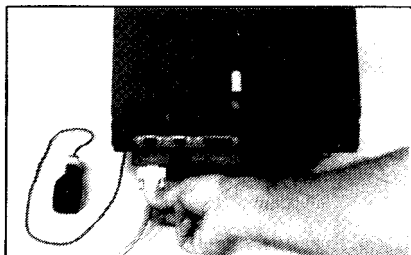


PeakSimple HARDWARE SPECIFICATIONS

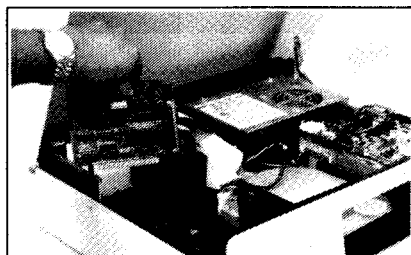
<i>Specifications</i>	Model 202 SERIAL PORT A/B Board (Std. Built-in)	Model 110 BUS A/B Board (Optional)
<i># Of Channels</i>	4 channels per board	1 channel per board
<i>Resolution</i>	23 bits at 2 Hz	19 bits at 2Hz
<i>Range</i>	* 5000 millivolts	If 4000 millivolts
<i>Mounting</i>	Serial Port - Std RS232	half size ISA slot
<i>Digital I/O</i>	TTL Logic	8 SPST relays
<i>Analog Output</i>	0 to 5.0 volts to control the GC column oven	0 to 2.5 volts for GC column oven
<i>Sampling Rate</i>	1, 2, 5, 10 Hz	1, 2, 5, 10 Hz
<i>Activation</i>	keyboard, mouse, remote Start	keyboard, mouse, remote Start

The **SERIAL PORT A/B BOARD** is standard on all SRI 8610 and 9300 GCs. It is ideal when using a notebook type computer which has both a serial and mouse port, or two serial ports. The Model 202 A/D board can acquire 4 signals with 23 bit resolution at 5 samples per second, or 3 signals at 10 samples per second. This board is mounted in the SRI GC or, can be optionally located in the stand-alone SERIAL PORT box. In many cases, 2 GCs can be controlled by the serial board.



SERIAL PORT A/D board in the GC connects to your PC's Serial Port to control 4 channels

The **BUS MOUNT A/B BOARD, an** option, can be used on desktop type PCs with unused ISA motherboard slots. The serial port is therefore still available for use with a mouse. Many older XTs, and AT computers with this configuration are available and make perfect platforms for dedicated chromatography data stations. Up to four bus mounted AD 110 boards may be installed simultaneously in the computer to acquire 4 signals and control two separate SRI GCs.

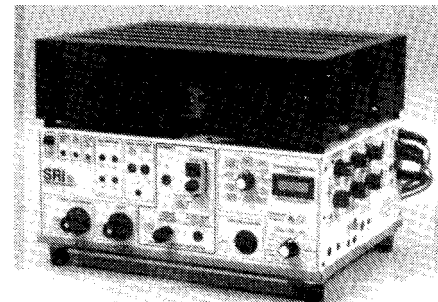


Bus A/B board is inserted into your PC, controls the GC via the Interface Board

EDUCATIONAL GC

"HANDS-ON" GAS CHROMATOGRAPHY AT AN AFFORDABLE PRICE

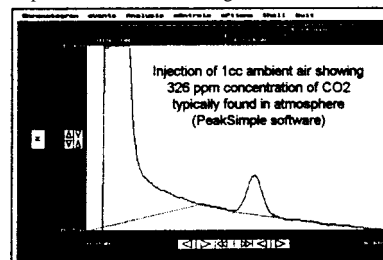
The SRI 8610 EDUCATIONAL GC is intended to meet the needs of demanding educators!



SRI 8610 Educational GC equipped with TCD detector

This GC delivers the most performance, *quality* and value for the budgetary dollar, yet affordable to enable the student of chemistry or other discipline to purchase a unit of their own. This unit is true gas chromatography. It is the only low priced GC easily upgraded with additional detectors and/or a temperature programmable column oven.

The IBM-compatible **PeakSimple** data system, normally included with an SRI gas chromatograph, has been omitted in order to reduce the cost of this model while maintaining the overall performance. Simply connect carrier gas (H₂, He or N₂) and a chart recorder or integrator. This model also makes a great second or back-up unit for commercial or institutional laboratories that operate on a limited budget.



EDUCATIONAL GC Features

- ➔ *Thermal conductivity detector is excellent for air, gas analysis*
- ➔ *TCD Wheatstone bridge configuration ensures highly accurate analyses*
- ➔ *True laboratory GC can be upgraded to add detectors, & temperature programming*
- ➔ *Large, isothermal column oven accommodates columns to an 8" diameter*
- ➔ *Convenient single gas operation requires one & a single carrier gas bottle*
- ➔ *Analog detector signal output for your chart recorder or integrator*

Educational SRI 8800 series gas chromatograph with TCD detector

8610-4000 EDUCATIONAL GC

Includes: SRI model 8610 gas chromatograph (110VAC, 60Hz) equipped with thermal conductivity detector (TCD) employing Wheatstone bridge design isothermal temperature-controlled column oven, precision gas pressure regulator for carrier gas flow control, 1/8" x 3' stainless steel silica gel-packed column, digital display of temperatures and pressures, and operation manual.

Optional: 8600-205 1 **PeakSimple** II software and built-in serial data board