

Your Name :

Date

E-mail



## How to Buy a GC > Request for QUOTE

SRI have a an outline once you know what you want to do *precisely!*

We can advise YOU further but there are a few fundamentals

we need to know first . . . >

- 1 Main Component (s) in the sample
- 2 Target compounds to actually separate and quantitate
- 3 Matrix Gas or liquid samples in
- 4 Typical Concentration range levels of these
- 5 Detection Limits : Gas in % or ppM traces; Liquid in ng per ul
- 6 **Sampling mode / Injection Type** > SRI 2 possibilities Cold On-Column  Heated Injection Port

- Manual   
AutoInjection   
Headspace

This determines what GC Hardware to use

**Gas** : Injection Manual Sample Loop  or Electric Actuation

**Liquid** : Split /  Splitless /  Direct

Headspace : single or Automatic

### Detection :

Inorganics (permanent gases) high % down to 100ppM

TCD (Universal) - **traditional** / packed 1/8"OD columns; 100-1000ng

- micro TCD : for use with capillary columns ( limits 50ul with PLOT columns 1-10ppM LoD)

*Helium or H2 suitable for MOST applications*

Organics : FID ( 1-100ng/ul) on column or 1-10ppM )  Built-in Air Compressor

*He, H2 or N2 Carrier Gas required*

*Air for simple applications*

### Specific Detectors :

ECD for halogenated compounds (ppB to high ppM)

PID : photo-ionisable Helium or Argon or custom matrix detector MUG

TID / NPD : hetero-atoms eg X, P, N, ,other  >

FPD : Sulfur,  Phosphorus

Specific from SRI  CCD for % or higher gases, RGD for H2, Mercury etc (very sensitive)

GC/MS : not from SRI/Chromalytic

Combo or Multiple Detectors

( from SRI : up to 4 simultaneously in 8610C Chassis) **SRI Chassis** Type preferred **8610C**  8610V  compact 310C  Rack410

### Column required/preference : (Application dependant)(Application dependant)

Packed Columns ( simple 10 components mixes )

PLOT Columns ( complex mixes )

Capillary Columns ( Fused Silica or  MXT/ Silcosteel )

Megabore (0.5mmID) Direct  or Split injection

Standard 0.32, 0.25, or less ( 0.18mmID)

Fast GC ( 0.25 down to 50um)  very GC H'ware dependant

**Peak Simple Data System** - 1 Channel supplied for each detector installed

or Multiple( 6 Maximum)

**Gas Purification Option**  essential for high sensitivity particularly ECD

- Gas Regulators required

**Installation : Training** 1 Day Max, or  elsewhere

*(No Cost in Melbourne)*

\* *any uncertainties* . . . Spell it out before Order . . . After the event / Ordering OR

**More specific - the more detail the better so we can properly advise . . .**

*Your Credible response* will determine OUR assessment on how/if to respond

for TECH HELP : End User Name

*Print this form  
Answer  
THE Questions  
with a TICK  
Fax or e-mail back to us*

see [www.chromtech.net.au/flip/catalogs/sriGCs/](http://www.chromtech.net.au/flip/catalogs/sriGCs/)

Your Name :

Date

E-mail



**ChromalyticTech response SUMMARY ( for OUR Office use ONLY )**

Model No :   
Chassis Type     
Detectors :    
Injection System

see  
[www.chromtech.net.au/flip/catalogs/sriGCs/](http://www.chromtech.net.au/flip/catalogs/sriGCs/)

**SRI Basic Specifications**

**Operating Voltage** 220/240VAC 50Hz  
**PeakSimple** Operating System  
No of PS Data Channels  
Shipping Crate included in Price  
**PC required** But NOT in QUOTE

**Import Freight Cost** based on weight Kg :

**Gas Purification Options**

**Gas Regulators Options**

**Availability** : from date of Order

**Technical Advice** ( telephone/e-mail ) : No charge  
**WARRANTY** : 2 years from date of Installation ( faulty replacement parts Only)  
minor repairs Extensive repairs ex SRI factory USA & Your Upfront Payment required  
**Not** including : Columns/consumables

**Pricing in AUD** (ex GST) at Date of Quotation at AUD/USD XR =  
Price will be adjusted at Date of Ordering/Payment to then current XR

**Terms ( by Negotiation )** - Ours NOT Yours  
- generally 50% in advance on ordering .  
Purchase Order required  
Balance 7days on Delivery / Installation

**DISCLAIMER** : This laboratory equipment is designed for use by suitability trained technicians detailed technical knowledge of electronic, pneumatics, computers and chromatography in general ; including aspects of physical and chemistry techniques , radiation, UV Light is assume by ANYONE using this equipment Chromalytic bears NO responsibility for any Claims for use or misuse of this equipment or for any modifications by end- The equipment is designed, built and shipped as is, certified for use under Regulatory bodies in the USA CE,TUV (CSA and UL) etc We bear NO responsibility for ANY Local State or Australian regulation. This onus is on the customer entirely.

**Agreement . . .**  
YOUR NameSignature

Laboratory Manager  
/ Authorised person

*WE will NOT proceed with ANY Order unless your agreement is obtained first*