

LC-GC and LCxGC Interface Kit

Comprehensive 2D chromatography is a powerful analytical technique capable of delivering more information in a shorter time than any other standard chromatographic methods. Technical complexity of the 2D systems has however slowed down its widespread acceptance. GL Sciences provides a simple solution to couple LC to GC using special injection option for the CombiPAL autosampler. The solution is supplied as the LC-GC interface kit. The kit can also be used as an on-line SPE solution.



LC-GC System requirements

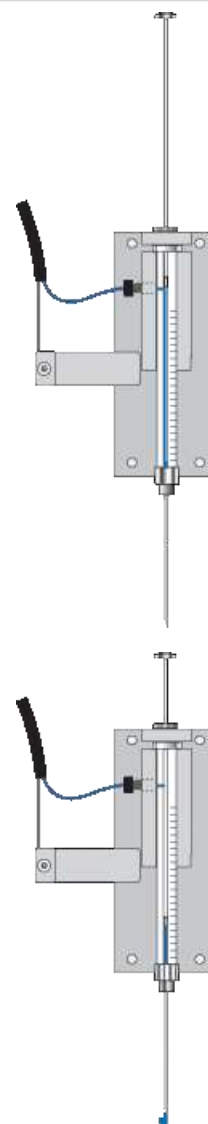
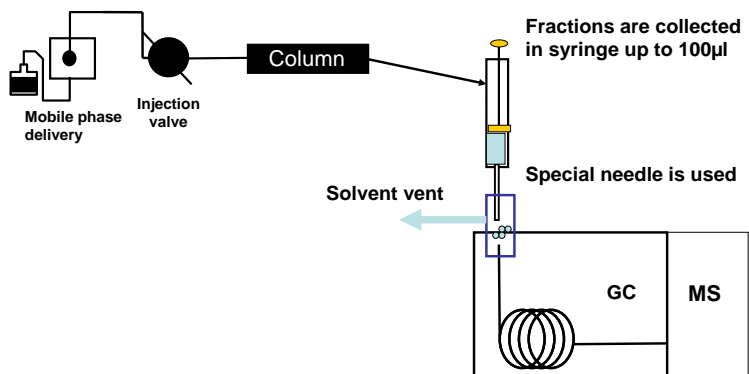
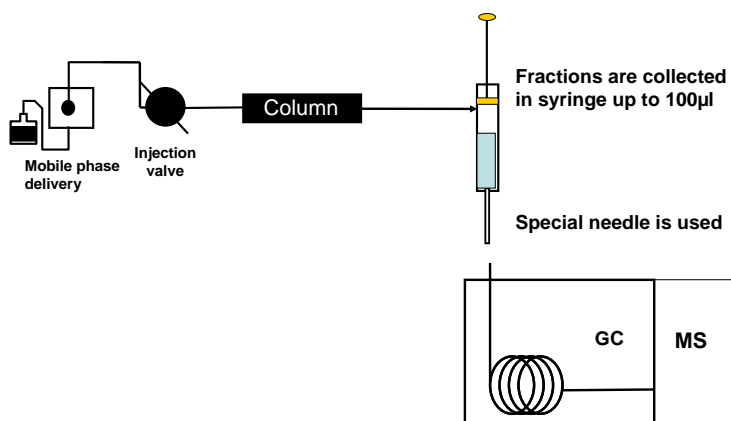
To make the LC-GC setup you need:

- Standard GC of any known brand.
- Standard HPLC (Shimadzu, Agilent, GL Sciences, Waters).
- OPTIC 3 Injection System.
- CombiPAL auto sampler
- ATAS GL LC-GC interface kit.

LC-GC flexibility

The set of instruments offers you an unprecedented flexibility with respect to the hardware use - any logical automated combination of the instruments from the above list is possible. The re-configuration is done in a matter of minutes.

LC-GC Sequence:



With LC-GC interface the following on-line systems are possible:

LC-GC/MS
LCxGC/MS
SECxGC/MS
SECxPyrolysis-GC/MS
SPE-GC/MS

The interface is free from carry over thanks to the special syringe that can be washed between the injections. If 'normal' GC work is required, the special syringe can simply be replaced by a standard one in a matter of seconds.

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