

# LC-09 Auto Sampler



***PromoChrom Technologies***

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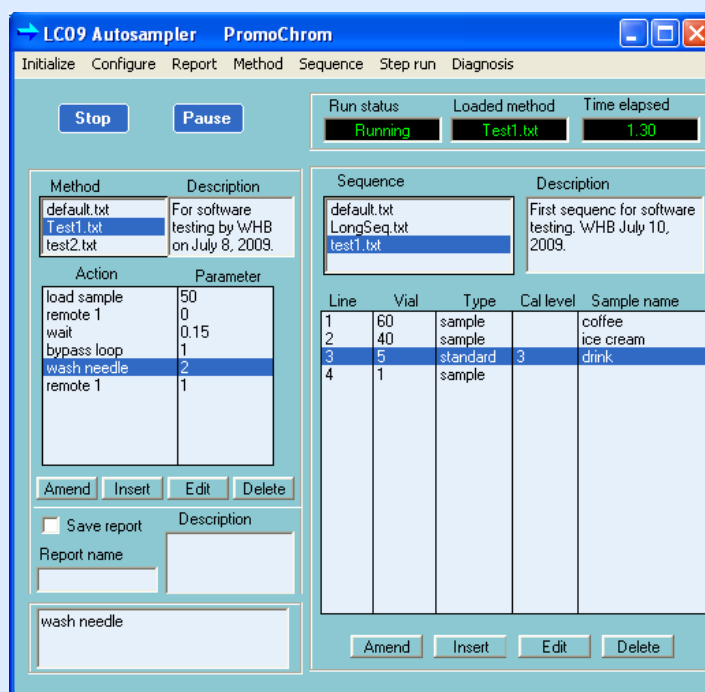
**LC-09 auto sampler** is designed for automatic sample introduction in liquid chromatographic analysis. It works with any HPLC that has a remote input.

The sampler can inject up to 60 samples automatically. The user friendly software simplifies the operation and integration with HPLC. The innovative design of the sampler lowers the cost considerably. LC-09 provides an economical and reliable solution for automation of HPLC analysis.

## Features

### 1. Easy operation

LC-09 uses an open design for the sample tray. Sample vials can be placed or remove easily. The very user friendly software makes the injection versatile and yet easy. A pause button allows modification of methods and sequence or inserting samples after a run has started. The control software also provides a step run function to test individual steps in an injection program. It helps to optimize parameter for sample injection.



### 2. Full automation

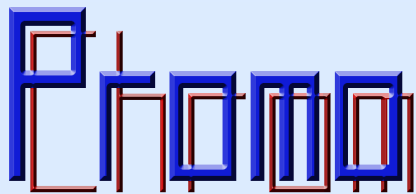
LC-09 uses methods and sequence to automate all the procedures for sample introduction. A method is like an injection program with a series of actions (such as load sample, wash needle, wait, etc.). A sequence decides the injection order of sample vials on the sample tray.

### 3. Easy integration with HPLC

The instrument provides a remote port to trigger start /stop of HPLC. Remote cables with special adapter for Agilent 1100/1200 LC and N2000 software are available. The integration can be easily done by setting the remote signals in a method.

### Specifications

Number of samples	60 in 2-mL sample vials
Volume of injection (uL)	5-500
Precision	< 0.5% (use full loop loading)
Carryover	< 0.01 % after 3 times needle wash
Material of wetted parts	Stainless steel, Teflon, PEEK, special glass
Injection mode	Full loop loading and partial loading
System control	Software via computer
Power supply	24 VDC
Current	< 1 A
Weight	5.5 Kg
Dimension	34 x 40 x 28 cm (width x depth x height)



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