

HTA 110-Vial Liquid Autosampler



- Holds 110 2mL or 2.5mL vials
- Interfaces with SRI and other GCs
- 15-Step Automatic Injection Sequence
- Direct Injection, No Transfer Lines

The 110-Vial Liquid Autosampler is made to meet the high throughput liquid injection needs of your GC analysis. Like the Headspace Autosampler, the swivel head design simulates the movements of manual direct injection and eliminates the need for transfer lines, as well as leaving the injection port free for manual injections. Up to 10 analytical methods, including function speeds, may be stored in the autosampler's memory.

The automatic injection sequence may have up to 15 steps, which may be programmed to include:

- First sample of group
- Last sample of group
- Analytical method
- Number of injections for each sample
- Pre and Post washing solvent position
- Internal Standard position (if used)

The sampling system eliminates air bubbles, and the variable fill speed allows for a wide range of sample viscosities. The syringe may be washed with solvent or sample.

OPERATING SPECIFICATIONS

Sampling

Sample volume	steps of 0.1 μ L
Air volume	steps of 0.1 μ L
Aspirating speed	0.1 μ L - 100 μ L/sec
Needle washing	up to 15
Air bubble removal	up to 15 strokes
Viscosity time	1-60 sec
Syringe sizes	1, 10, 25, 50, 100 μ L 1000 μ L large vol. version

Injection

Injection speed	0.1 μ L - 100 μ L/sec
Waiting time before and after inject	1-60 sec
Injection depth	variable

Internal Standard Technique

IS volume	steps of 0.1 μ L
Air gap volume	steps of 0.1 μ L
Mode	1 or 2 air gaps

8690-3000

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