TRILUTION® LH Software

Expanding possibilities for automation of your sample preparation

THE COMPLETE SOFTWARE SOLUTION FOR LIQUID HANDLING AND SOLID PHASE EXTRACTION (SPE) APPLICATIONS

WHAT TRILUTION® LH CAN DO FOR YOU

- Easy-to-use and efficient software to automate sample preparation workflows on Gilson liquid handlers

- Drag-and-drop functionality to quickly and easily define system configuration and bed layout, and create methods

- Total application control from a single screen, with quick and easy access to everything you need to set up, run, and monitor your application
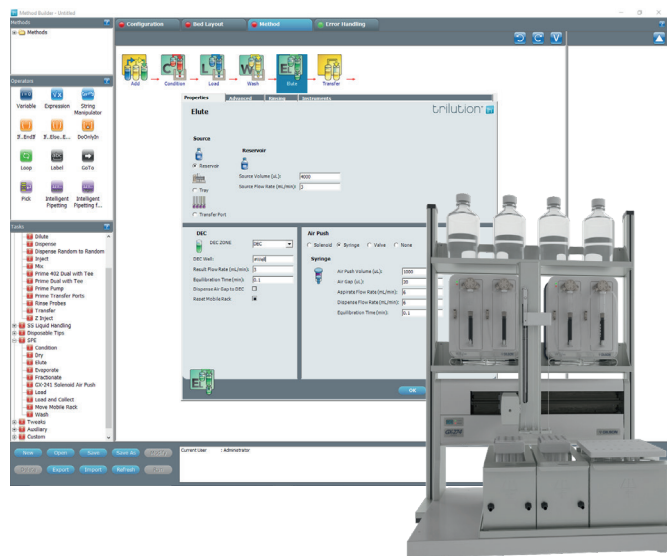

Figure 1
TRILUTION® LH Software with ASPEC® 274 System

OPTIMIZE SAMPLE PREPARATION PROTOCOLS QUICKLY

- Combine liquid handling (dilute, mix, transfer, aliquot) tasks and SPE (condition, load, wash, elute) tasks in the same application

- Access and easily modify task parameters, volumes, flow rates, and rinse settings

- Create experiment plans for method development or optimize current methods easily using variables and operators

- Integrate automation seamlessly in current workflows using the extensive racks library and the ability to create new or custom racks

- Create tasks to support specific application needs without the need for expert programming skills

- Control non-Gilson instruments including analytical balances, pH meters, and scanners for complete workflow automation

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DEVELOP ROUTINE ANALYSIS EASILY

- Use the scheduler to improve throughput by running samples during time-consuming steps such as incubation or reactions

- Run different methods and modes (sequential, batch) in the same application

- Import or create a sample list

- Use method simulation to check for errors prior to running samples

- Set up error handling conditions with resulting actions to preserve your sample in the event of an error

- Modify the sample list during a run to add priority samples, skip upcoming samples, or stop the running application

Figure 2

TRILUTION® LH Software Sample Run Type Options (Seq single, Seq Multiple, Batch) and Scheduler Display

SHARE METHODS AND RESULTS

- Export the complete application, including variables and method parameters for sharing with other users

- Trace results using multiple exportable reports (log files, sample tracking, audit trail, etc.)

- Control system access with different user access levels and user passwords

RECOMMENDED PC CONFIGURATION

Processor	Quad Core (2.7 GHz)
Memory (RAM)	8.0 GB
Hard Drive	500 GB – 1 TB
I/O Ports	One Serial port required for Gilson Server: Native or USB to RS-232 Adapter*
	Additional Serial ports for GEARS devices: USB to RS-232 Adapter*
	One Ethernet port
	USB ports for USB devices
Display	Resolution: 1440 x 900 (or greater)
	Colors: True Color (32-bit)
	Text Size: 100%
Operating System	Microsoft® Windows® 10 Professional (64-bit)**

* Contact your local Gilson representative for recommended vendors and models.

** Windows® 10 must be a clean install. Upgrades from Windows® 7 to Windows® 10 are not recommended.

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