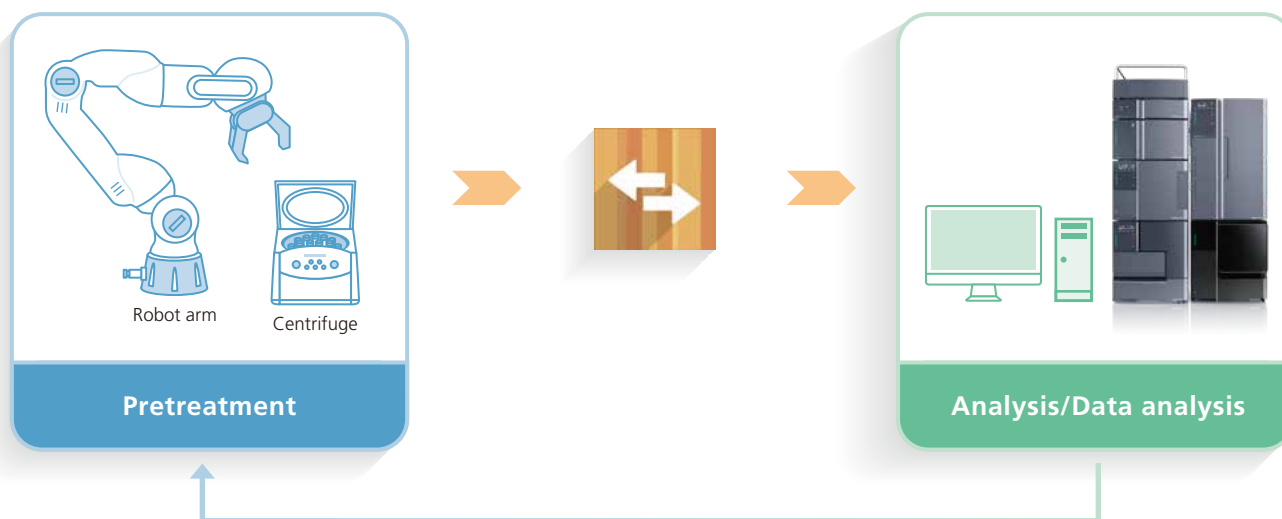**SHIMADZU**
Excellence in Science

LabSolutions™ External Control Software

LabSolutions Sync

Synchronizes Third-Party Software for Pretreatment Units with Shimadzu LC and LC-MS

Labor-saving and automation initiatives in laboratories continue to advance each year. To reduce costs even further, it is important not just to reduce instrument analysis times and pretreatment times individually, but to automate the workflow in its entirety. LabSolutions Sync synchronizes third-party software for pretreatment units with LabSolutions Realtime Batch and status information, enabling automation of systems, including pretreatment units. As a result, the entire laboratory workflow can be automated, leading to overall labor savings and cost reductions.

Robot arm   Centrifuge

Pretreatment

Analysis/Data analysis

■ Three Features of LabSolutions Sync

Automatic Implementation of Realtime Batch

This program synchronizes with batch files output by third-party software for pretreatment units, and implements LabSolutions batch analyses automatically. After a batch analysis is complete, the implementation results are output by LabSolutions. The third-party software can detect this and proceed to the next operation. In this way, the program enables automation by synchronizing the pretreatment unit with the Shimadzu LC or LC-MS.

Automatic Shutdown

If an analysis is not performed within a certain amount of time, the program automatically shuts down the Shimadzu LC or LC-MS, preventing the instruments from running continuously.

Synchronizes with Instrument Status

Status and instrument parameter information in LabSolutions is also synchronized with pretreatment units. This enables detailed system synchronization.

License Types and Expiration Dates

Type of License	Base license	Annual license
	License to use LabSolutions Sync	Provides product updates
First year pack	No expiry	3 years
1-year continuous license	–	1 year

*Be sure to purchase the first year pack for the first year.

*In the fourth and subsequent years, purchase a 1-year continuous license annually. If the annual license has expired, a separate update license must be purchased for product updates.

System Requirements

Operating Environment

OS	Windows® 10 Pro 64-bit edition
Computer	Suitable for LabSolutions. 16 GB of RAM is recommended.
Software	LabSolutions LCMS Ver. 5.118 or later

*Not compatible with LabSolutions DB or CS.

*Cannot run simultaneously with other optional software.

Compatible Models

Models	Model name
LC	CBM-20A, CBM-40, SCL-40, i-Series, LH-40, FRC-40
LC-MS	LCMS-2020, LCMS-2050

*Inquire separately regarding specific instrument configurations.

*Up to four instruments can be registered.

 Up to two LC or one LC-MS can be controlled simultaneously.

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