

Providing Confident, Secure Data Management on a Network System!

Software for Autograph Precision
Universal Testing Machines

LabSolutions™ AG

Supports Compliance with Regulations and Guidelines
for Mechanical Characteristics Tests in the
Pharmaceutical and Medical Equipment Industries



AGX™-V



AG-X/AG-Xplus



AGS-X



EZ-X



Secure, Confident Data Management

- Mistakes are avoided thanks to database management
- Robust security

Comfortable Operating Environment

- Integrated management of a variety of analysis instruments
- Quickly search through voluminous amounts of data

Heightened Management Productivity

- Consolidated server-based management of users and other system information
- Management of related information for each project

Total Support for Regulatory Compliance

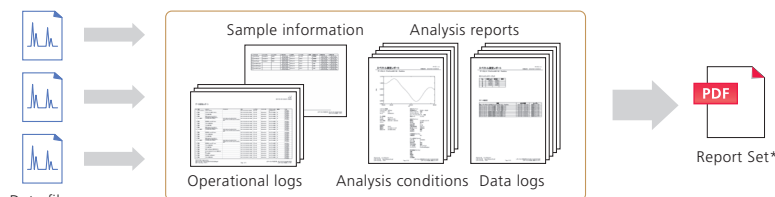
- Functionality supports CSV (IQ/OQ validation) activities
- Supports document creation

The Autograph precision universal testing machines are now compatible with the latest in data integrity.

Connecting TRAPEZIUMX-V to the LabSolutions system, which provides ER/ES regulatory compliance, enables confident, reliable data management.

In addition to Autograph data, consolidated management is available for LC, GC, and UV data.

Data Integrity and Report Set



Note: With LabSolutions AG, the analysis conditions and data logs are included in the analysis report.

Data integrity refers to the assurance that all the data has been collected, and that it is free from defects or non-conformities. In other words, it is necessary to present not only the data itself but also the meta data (conditions settings, data analysis and other results of processes in which human hands have intervened) in a form that can be clearly seen, for verification together with the data. This is provided by Report Set.

point What is Shimadzu LabSolutions Report Set?

This function collates the operational information distributed within the software (operations and settings in which human hands have intervened) and arranges it in a single report. Similar to an e-book, the reader can check the contents while turning the pages, so there is no longer any need to switch between pages and tabs while checking operations and settings.



<https://www.shimadzu.com/an/data-net/lab-solutions/reportset.html>

Supports Improved Data Reliability in Materials Industries

Both LabSolutions CS, with its network system structure, and LabSolutions DB, with its stand-alone structure, are available.

LabSolutions DB supports improved data reliability through database mediated data management, user management, and management of change logs of a stand-alone system on a single PC.

LabSolutions CS enables server-based integrated management of Autograph test data files together with data files from analysis instruments connected to the system.

Test results and sampling data are saved together with operational logs and conditions change logs.

Managers can check the logs and add their electronic signatures to the saved data.

The popular TRAPEZIUMX-V is used as the Autograph control software, so most operations are familiar to the operator, which enables highly reliable materials testing data.



AGX™-V

Compatible Autograph Models and Software

- Compatible with the AGX-V, AG-X, AGS-X, and EZ-X
- Compatible with single software and control software

Note: Not compatible with cycle software.

Note: Some of the functionality is limited in comparison with the regular TRAPEZIUMX-V. For details, refer to the specifications.

Single Software



Control Software



Software Comparison

Name	Standard TRAPEZIUMX-V Software	LabSolutions DB AG Stand-Alone System	LabSolutions CS AG Network System
Data Management Method	The data is saved in a local folder on the PC and managed.	The data is saved in the LabSolutions database and managed.	
Data Reference	The files in the local folder on the PC	The files in the database	
LabSolutions Database	Not available	Available (The database is on a local PC.)	Available (The database is on the server.)
User Management	The functions in TRAPEZIUMX-V can be used.	The functions in LabSolutions can be used.	
Management of Authority Groups	The functions in TRAPEZIUMX-V can be used.	The functions in LabSolutions can be used.	
Project Management	Not available	Capable of project management	
Stand-alone/ Network	Available as stand-alone only	Available as stand-alone only	Available as network only
Data Backup	This is performed using Windows® Explorer on a file by file basis.	This is performed for each project.	

Note: The standard TRAPEZIUMX-V software is the file management edition. It is not compatible with FDA 21 CFR Part II.

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