

Shimadzu AUTOGRAPH Software

TRAPEZIUMX-V Release of Ver. 2.0.0

Upgrade to the Latest Version to Add a Variety of Functions to Your Testing Machine

Integrate the latest data analysis functions with your current X series testing machine, and acquire the data you need quickly and easily



AGX™-V2



AG-X/AG-Xplus



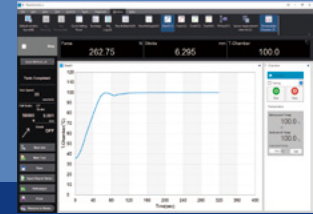
AGS-X



EZ-X

New TCE Thermostatic Chamber Control

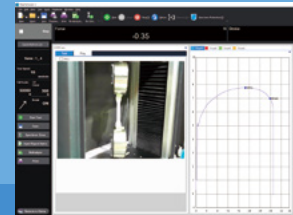
The temperature of the new TCE thermostatic chamber can be set. Additionally, the thermal data can be recorded in conjunction with other sensors. (The TCE thermostatic chamber is optionally available.)



USB Camera Function

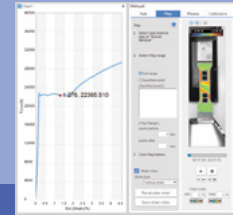
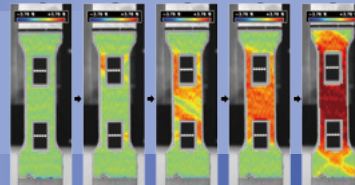
A video linked to the test results can be obtained. Samples can be observed and still images cut from the video can be pasted into reports as evidence of test implementation. (The USB camera is optionally available.)

USB camera (Option)



Real-Time Strain View

This enables real time observations of plain strain in samples affixed with a lattice pattern. (TRViewX and Real-Time Strain View are optionally available.)



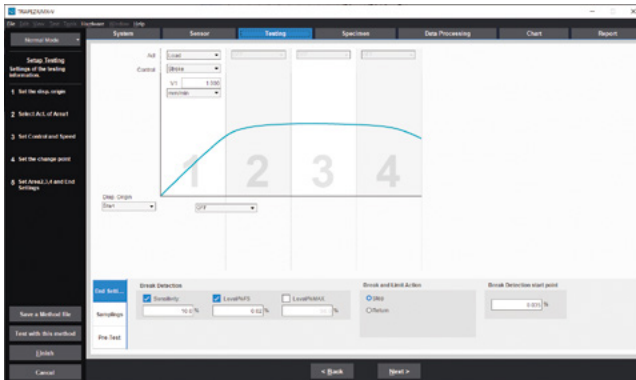
Speed Sensor

Strain rate, stress rate, and other speed-related data can be displayed and acquired while it is calculated in real time. Data that was conventionally determined manually after testing can be calculated automatically for status confirmations during tests.



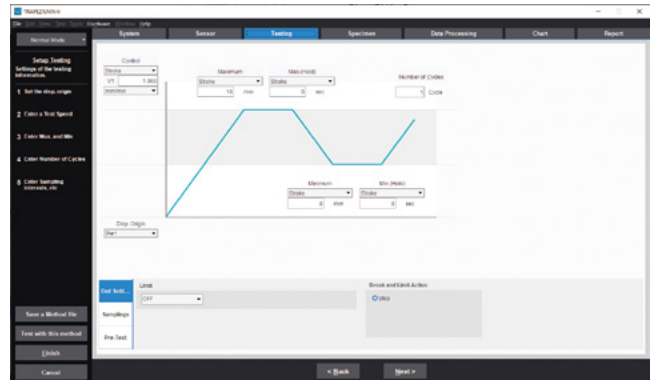
Select from Five Software Programs

Single Software



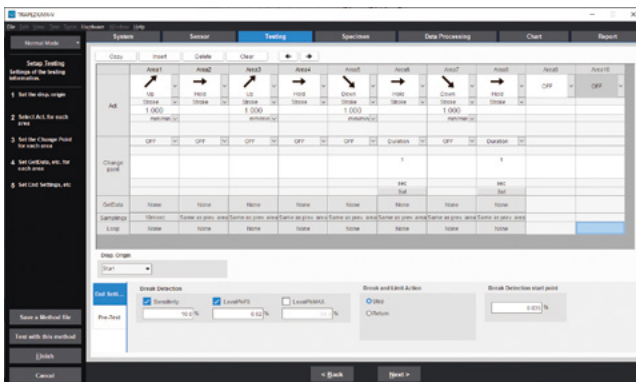
This software is used to perform typical single-direction tests. It enables performing tensile, compression, and bending testing.

Cycle Software



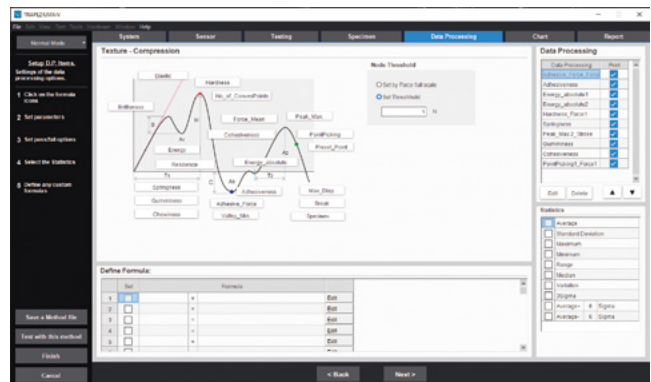
This software enables performing endurance testing and other tests that involve repeated application of test forces.

Control Software



This software enables creating a user-specified testing machine movement routine. It allows tests to be performed in which foam rubber is compressed and held repeatedly.

Texture Software



This software enables measuring the properties (texture) of foodstuffs and pharmaceuticals. Special data processing results, including mastication, jelly strength, and adhesion, can be obtained.

Spring Software

This software enables the testing of springs. Both the characteristic values specific to springs and the spring height and length can be measured.

New ISO Compatible r Values (Lankford Values)

The software can calculate the r value (Lankford value) using the formula noted in ISO 10113:2020 (JIS Z 2254:2021) "Metallic materials—Sheet and strip—Determination of plastic strain ratio."

AGX is trademark of Shimadzu Corporation or its affiliated companies in Japan and/or other countries.



Shimadzu Corporation
www.shimadzu.com/an/

For Research Use Only. Not for use in diagnostic procedures.

This publication may contain references to products that are not available in your country. Please contact us to check the availability of these products in your country. Company names, products/service names and logos used in this publication are trademarks and trade names of Shimadzu Corporation, its subsidiaries or its affiliates, whether or not they are used with trademark symbol "TM" or "®". Third-party trademarks and trade names may be used in this publication to refer to either the entities or their products/services, whether or not they are used with trademark symbol "TM" or "®". Shimadzu disclaims any proprietary interest in trademarks and trade names other than its own.

The contents of this publication are provided to you "as is" without warranty of any kind, and are subject to change without notice. Shimadzu does not assume any responsibility or liability for any damage, whether direct or indirect, relating to the use of this publication.