



TRIOS Software Overview

TRIOS is TA Instruments' state-of-the-art software package that uses cutting-edge technology for instrument control, data collection, and data analysis for thermal analysis and rheology instruments. The intuitive user interface allows you to simply and effectively program experiments and move easily between processing experiments and viewing and analyzing data. TRIOS software delivers a whole new experiment experience.

- Easy organization and data file management
 - A unique file-naming system allows for effortless organization of data files
 - The History View and File Manager offer simple data file location
- Compatibility with the latest Windows Operating System platforms
- Maximum flexibility
 - Instrument control and data analysis via any networked computer
 - Configurable for multiple monitors
 - Ability to control multiple instruments at once
 - Remote data analysis
- Seamless integration between instrument control and data analysis
- Easy data export in a variety of output formats, including XML, Word, Excel, and PDF
- Simple graph formatting using The Ribbon
- Customization of the display

The TRIOS software is supported by a full range of services, including onsite training, customer service that is only a phone call away, and easy-to-use, easy-to-understand online help. All of these items reflect TA Instruments' commitment to providing thermal analysis and rheology products and related services that deliver maximum value for your investment.

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What's New in TRIOS Software

What's New in TRIOS Software V3.3.1.4246

TRIOS software is now better than ever with increased stabilization and key fixes and enhancements, including User Interface changes that will make your TRIOS experience exceptional. The next generation of instrument control and data collection and analysis, TRIOS V3.3 is more efficient and intuitive, allowing you to work faster and easier.

General TRIOS Enhancements

Multi-Language Support

This TRIOS V3.3.1.4246 release includes Russian and Japanese language support, in addition to the previously released Chinese support. Future releases of V3.3 will include support for German.

TRIOS software defaults to English; the language as well as default settings can be changed in TRIOS Options. The TRIOS language can also be set to match the language that has been specified on the PC.

RHEOLOGY

Modular Microscope Accessory for DHR

TRIOS V3.3.1.4246 offers support for the new Modular Microscope Accessory for the DHR rheometers. The new microscope accessory includes a manual linear 3D-translation stage with the microscope main body attached to the mounting ring; a light source with a standard wave length of 470 nm; a 640x480 pixel resolution camera with a frame rate of 90 fps; and a separate electronic control module to interface with the rheometer and control the optical components for the microscope.

In TRIOS, microscopy measurements can be performed in manual mode or in procedure-based mode for simultaneous rheology/microscopy measurements (in which rheological measurements are performed while the image/video stream from the microscope is recorded.) Visit the [TA Instruments website](#) for additional information.

Fasttrack Enhancements and Bug Fixes

- Added Start Up and Shut Down utilities
- Initial stress for MSCR and High Stress Repeated Creep corrected
- MSCR cycle table set to report strain instead of %strain
- Significant figure added to MSCR report
- Results table added for Cannon standard
- Fail graph y-axis set to log scale
- R_{10} calculation corrected for High Stress Repeated Creep
- Auto Asphalt Calibration XML report file support added to replace content removed by Microsoft®
- Fixed temperature gauge issues

Discovery DHR Enhancements

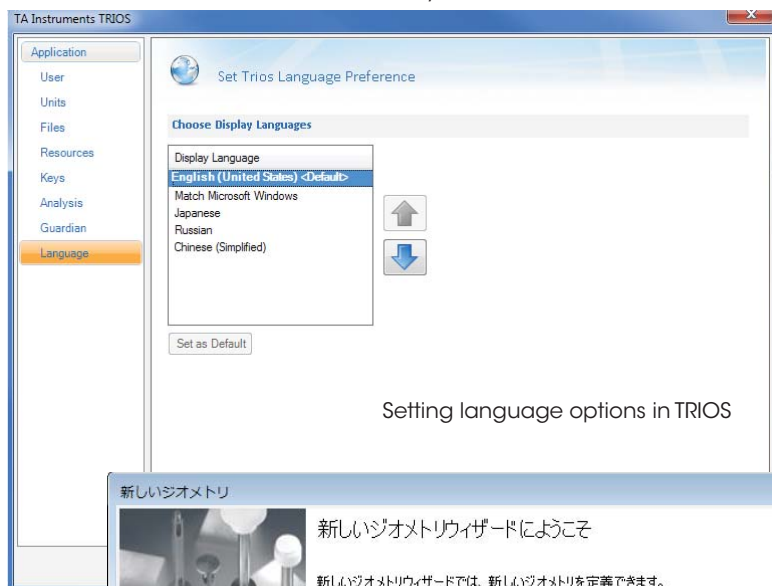
- Updated firmware v9.36
 - Support for the Modular Microscope Accessory
 - Bug fix for Asphalt LAS test when measuring stiff materials

ARES-G2 Enhancements

- Updated firmware
 - Extra protection for Tart Database files

INSTALLING TRIOS SOFTWARE

For instructions on installing TRIOS software, refer to the [Installing TRIOS Software](#) instructions.



Geometry Wizard (Japanese shown)

DHR Modular Microscope Accessory

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What's New in TRIOS Software



ADDITIONAL RESOURCES

A number of additional resources are available to you. For assistance with the TRIOS software, first consult the Online Help.

For immediate assistance contact the TA Instruments Hotline at +1 302-427-4000 from 8:00 am to 4:30 pm EST.

For email support, please send your question to one of the following:

thermalsupport@tainstruments.com

rheologysupport@tainstruments.com

microcalorimetersupport@tainstruments.com

PREVIOUS WHAT'S NEW DOCUMENTS

For Previous What's New in TRIOS Software documents, [click here](#).

TA INSTRUMENTS OFFICES

For information on our latest products, contact information, and more, see our web site at: <http://www.tainstruments.com>

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