What's new in RheoApp

Version 2.4.4.19

(Released 11.04.2023)

Below is a list of things that are new and/or changed in version 2.4.4.19 compared with version 2.4.4.18 of RheoApp.

Job Editor

Measuring geometry

- Defining a gap for a parallel plate measuring geometry other than the default 1.0 mm did not result in correct measurement results for that gap value. This only applies to a measurement started from the instruments touch screen, that is, NOT to measurements started from RheoWin. This has been solved.

Version 2.5.0008

(Released 05.11.2025)

Below is a list of things that are new and/or changed in version 2.5.0008 compared with version 2.4.4.19 of RheoApp.

General

Eject USB functionality

- The eject USB function and its related controls have been removed from the RheoApp user interface entirely. Starting from Windows 10 version 1809 the default policy for USB flash drives is **Quick removal** which keeps the device ready to be removed at any time, that is without the need for triggering a safe removal process.

Quantities/Units

- There is a new unit "Skt-C" for the quantity torque. This quantity relates to the HAAKE VT24 scale units.
- Units that contain a multiplication of other units are now displayed correctly using a dot as the multiplication sign.
  Example: The unit for the quantity viscosity is now displayed as Pa·s and not as Pas or Pa s.
- The decimal number separator used in dialogs, edit fields, tables and graphs is now always a ".", that is independent of the Windows settings for this.

USB flash drive Explorer

Rheometer Configuration

- The **Configuration** node in the explorer tree has been renamed to **Rheometer Configuration**.
- The **Configuration > Jobs settings** entry in the explorer tree has been removed.
  The Job settings must now be edited/set for each Job individually using the **Job Settings** button in the **Job editor** dialog.
- The **Configuration > Job display** entry in the explorer tree has been renamed to **Job numerical display**.

Data

- Renaming a data file from the data file context menu in the **Data** list tree didn't work correctly. It was possible to edit the name, but the new name was not saved correctly when RheoApp was closed. This has been solved.

  > **Note** The date and time at the end of the name can not be edited/removed permanently.

Jobs

- After creating a new Job and saving it, the **Jobs** list tree collapsed and further editing was not possible. This has been solved.

Rheometer configuration dialog

General

- Under certain circumstances configuration settings were lost while navigating in the Rheometer Configuration dialog. This has been solved.
- The **Jobs settings** page has been removed.
  The Job settings must now be edited/set for each Job individually using the **Job Settings** button in the **Job editor** dialog.
- The **Job display page** has been renamed to J**ob numerical display**.

Job numerical display page

- The (default) settings for the graphical display of data during a Job have been removed from this page.
  The settings for the graphical display of data during a Job must now be edited/set for each Job individually using the **Graph Settings** button in the **Element editor** area of the **Job editor** dialog.

Temperature offset tables page

- Temperature offset tables are now displayed in a different way and can *not* be edited anymore.

  > **Note** To modify the temperature offset table values use the corresponding VT iQ touchscreen menu, or the automatic temperature offset determination tool in RheoWin.

Data view dialog

Graph page

- Under certain circumstances X-axis labels were overlapping each other. This has been solved.
- The selection of quantities for axis has been improved. The drop down selection lists in the **Graph settings** dialog now only show the applicable quantities (depending on whether the data is from a ROT or OSC measurement).
- Under certain circumstances the data displayed in a graph and the (same) data displayed in a table did not match. This has been solved.
- The data shown for t and t_seg in a graph was not always correct. This has been solved.

Table page

- The display of a data in a table for OSC and ROT data has been improved. Columns with non-applicable quantities (like η for OSC data) are not displayed anymore.
- The measured strain value γ is now also displayed for ROT-Measurements.
- There were some problems with exporting data to Excel. This has been solved and the functionality has been improved.

Info page

- The **Sample number** value (entered during a Job run) is now displayed on the **Info** page in the **Data view** dialog (only when a Sample number value was entered).

- The results of a Casson and Casson (lin) curve fit were not displayed correctly. This has been solved.

Job Editor dialog

General
- Under certain circumstances it was possible to create a Job with more than the maximum allowed 10 measurement elements and 4 evaluation elements. This has been solved.
- There is a new button **Job Settings** for accessing the Job Settings dialog.

Measuring geometry
- In a newly created Job the **CC25 DIN** measuring geometry is now selected by default, instead of no geometry before.

Element sequence list
- The commands Job settings and Graph settings have been removed from the context menu. The corresponding functionality is now accessed via two buttons.

Element editor
- There is a new button **Graph Settings** (for all measurement elements only) for accessing the Graph Settings dialog.

Interpolation element
- The **Last Segment** option in the Interpolation evaluation elements did not work correctly. This has been solved.

Curve fit element
- The non-functional **Herschel-Bulkley** model has been removed.

Job settings (button/dialog)
- The option to set the temperature to a certain value at the end of a Job run has been replaced with two new options:
Keep controlling the temperature at last set value
Stop temperature control at the end of job

> **Note** Firmware version 01.15.010 or newer is needed for this to work.