Miltenyi Biotec

Release Notes

Bergisch Gladbach, 2023-05-17

MACSQuantify™ Tyto® Software 1.1.1

The Software Release Notes shall provide the user with information about software changes, new features, improvements and bug fixes.

In general, the MACSQuantify™ Tyto® software version 1.1.1 is a patch release version based on Windows Operating System (OS). This software version is intended to introduce bug fixes designed with an improved "End of Sample" detection based on event trigger rate and a new Ventilation tool for decontamination of MACSQuant® Tyto® have been included. Also includes flow control improvements which is recommended for the newer lot of HS Cartridges (purchased after May 2022) bringing the overall pressure even lower and making the sorts more gentle. Additionally, this release further improves software stability.

Please note: An upgrade of the "Back Scatter Module" which enables scatter-based sorts and sorting with dim markers on the Tyto might be necessary depending on the hardware status of your instrument. Tyto customers who have already upgraded their hardware as part of Tyto SW version 1.0, can upgrade their software directly to version 1.1.1. Both, the hardware upgrade (Tytos with SW 0.5.1) and the software update will be performed during the next, upcoming regular service maintenance visit.

New Features

- A new and better "End of Sample" detection based on event trigger rate has been enabled to minimize the errors during "End of Sample" detection.
- A dedicated ventilation tool is added to support decontamination of Tyto using Vaporized Hydrogen Peroxide (VHP) or other gases used for decontamination.

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Improvements

- Improved flow control for accommodating the lower pressure needed for the newer lot of HS cartridge.

Bug fixes

Bug description	Status
1. Hardware error “ Vacuum Pump not running while activated”	fixed
2. A rare bug during workspace import from SW 0.5.1 to SW 1.0 causing MD5 validation failed error message	fixed
3. End of sample trigger not working properly on some standard cartridges	fixed