

Eco v5.0 Software Release Notes

This document describes the new features and improvements in the Eco 5.0 Software.

1. New Features

- 1.1. Added Import Sample Sheet functionality for all experiment types (Standard Curve, RQ, HRM, GT).
- 1.2. The Analysis tab is removed. Analysis of Eco data is now on EcoStudy software.

2. Improvements

- 2.1. Added auto-detection of PC connection to instrument. Now there is no need to use 'Find Instrument'.
- 2.2. User can set the temperature from 30° to 100° degrees Celsius in the Thermal Profile.
- 2.3. Added a Conflicting Reports warning message and tooltip.
- 2.4. Added the use of "arrow" keyboard shortcuts to loop through the Assay and Sample Names on the Plate Layout.
- 2.5. Added a palette of 30 colors in the Plate Layout tab that a user can assign to Assays and Samples.
- 2.6. Added the ability of user to define Plate Layout for Dilution Factor, Starting Quantity, Number of Points, and Number of Assays per plate.

3. Bug Fixes

- 3.1. Increased connectivity robustness.

4. Upgrade Compatibility

- 4.1. If you save a data (*.ecod), study (*.ecos), or template (*.ecot) file in v5.0, you cannot open the file with an earlier version of the software.
- 4.2. If you save a data (*.ecod), study (*.ecos), or template (*.ecot) file in v5.0 that you made in a version before v5.0, you cannot open the file again with an earlier version of the software.

	1010185_Eco_5.0.16.0	SBC FW v5.11 MCU FW V1.28	Firmware Upgrade Required?	Notes
1010185_Eco_2.0.6	Not Tested		Yes	Upgrade from v2.0 to v4.1.02 is not recommended. You must first upgrade from v2.0 to v3.0, then upgrade from v3.0 to v4.1.02.
1010185_Eco_3.0.16.0 (Netbook did not start with .NET framework v4)	Tested		No	
1010185_Eco_3.1.7	Tested		No	
1010185_Eco_4.0.07.0	Tested		No	
SBC FW v4.111.2 MCU FW V1.28	Tested	Yes	Yes	If user has trouble getting upgrade firmware prompts working: 1. Ensure that PC sees a connection to the instrument 2. Close the Eco software and re-open the Eco software
SBC FW v4.110.0 MCU FW V1.28	Tested	Yes	Yes	If user has trouble getting upgrade firmware prompts working: 1. Ensure that PC sees a connection to the instrument 2. Close the Eco software and re-open the Eco software
SBC FW v4.109.7 MCU FW V1.28	Tested	Yes	Yes	If user has trouble getting upgrade firmware prompts working: 1. Ensure that PC sees a connection to the instrument 2. Close the Eco software and re-open the Eco software
SBC FW v4.107.9 MCU FW V1.28	Tested	Yes	Yes	If user has trouble getting upgrade firmware prompts working: 1. Ensure that PC sees a connection to the instrument 2. Close the Eco software and re-open the Eco software
SBC FW v4.099.0 MCU FW V1.28	Tested	Yes	Yes	Re-connecting PC to netbook after upgrade can take up to 7 minutes If user has trouble getting upgrade firmware prompts working: 1. Ensure that PC sees a connection to the instrument 2. Close the Eco software and re-open the Eco software
1010185_Eco_4.0.07 SBC FW v4.109.7 MCU FW V1.28	Tested		Optional	

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