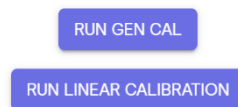


Patch notes of labCONSOL V1.3

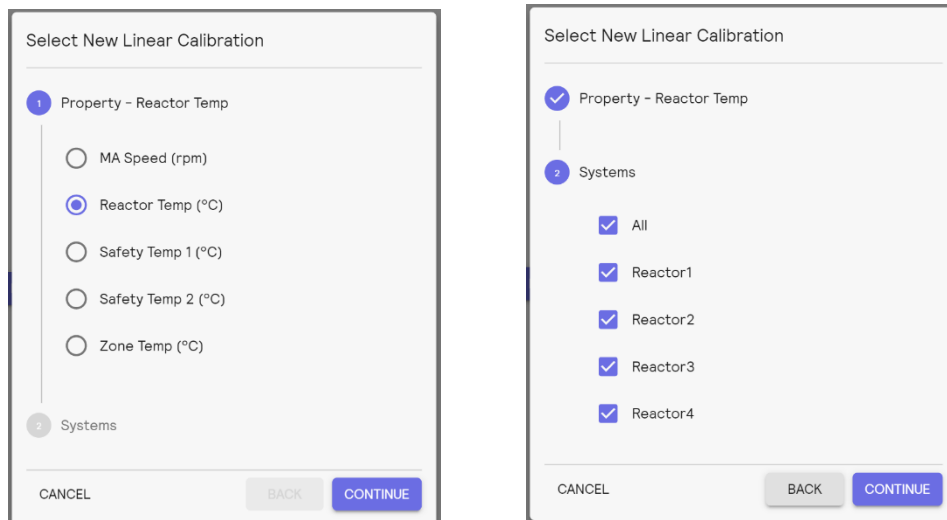
labCONSOL V1.3 delivers on the promise to incorporate more functionality from the legacy software of WinISO into the intuitive interface of labCONSOL. The functionality has been designed with the user experience in mind, allowing for quick, easy, and guided calibration procedures.

Linear Calibrations

Being able to re-calibrate the analog sensors is critical to using H.E.L equipment. labCONSOL now offers an easy-to-use calibration method that allows for the simultaneous calibration of multiple probes. This is accessed from the Calibration Hub application, which has two options. The first is to open GenCal, used to view and modify the system's operational parameters. The second is the new linear calibration functionality.



After selecting "Run Linear Calibration," the user will be guided through the calibration procedure. First, a sensor is selected, and then which reactors you want to calibrate.



The user can then complete a two-point calibration, with one high and one low value. When entering one of these values, the stability of the value is displayed to help the end-user know when it's appropriate to calibrate the sensor.

	raw	raw stability
Reactor1	4.82	stable
Reactor2	3.636	stable

Real Value
4

Sample Count
200

CANCEL BEGIN AVERAGE READING

More details on this functionality control are covered in the labCONSOL V1.3 manual.

More minor improvements and bug fixes

- There have been significant improvements in performance within labCONSOL. This has improved response times and now prevents the system from freezing. If the system does freeze, labCONSOL auto-recovers with no loss of data or operating conditions.
- Added search functionality to the Data Table manager, making it easier to find previous experiments.
- Correctly displays all properties in the high-pressure ChemSCAN's configurable plan.
- iQ can now read the step breaks in .csv files exported from labCONSOL.
- Removed the confusing language of Simulation mode in the "labCONTROL.dll.config" file.
- Fixed a bug with the Timeline not correctly displaying steps breaks in a plan.

Future developments

With the groundwork of calibration procedures complete, V1.4 of labCONSOL will focus on key pieces of functionality needed to support systems. It is currently planned for adiabatic systems and BioXplorers to be supported by labCONSOL V1.4.

V1.5 of labCONSOL will continue to expand on the functionality. A key piece for V1.5 will be including a video camera in order to support all the functionality of a BTC-500.