

New design of Monitor Software

Johannes Sood, VITROCELL Systems GmbH, 79183 Waldkirch, Germany

Background

Over the years many new features were added to the VITROCELL® Monitor software. Released in 2012 intended to record the data from the VITROCELL® Quartz Crystal Microbalances (QCM) the software had a clean and user friendly interface. Now, 6 years later the VITROCELL® Monitor software became a powerful tool to track various parameters concerning the exposure of cell cultures. To emphasize the innovations, VITROCELL® decided to redesign the interface from the bottom up. This results in a cleaner and nicer look, that helps scientist with some new features.

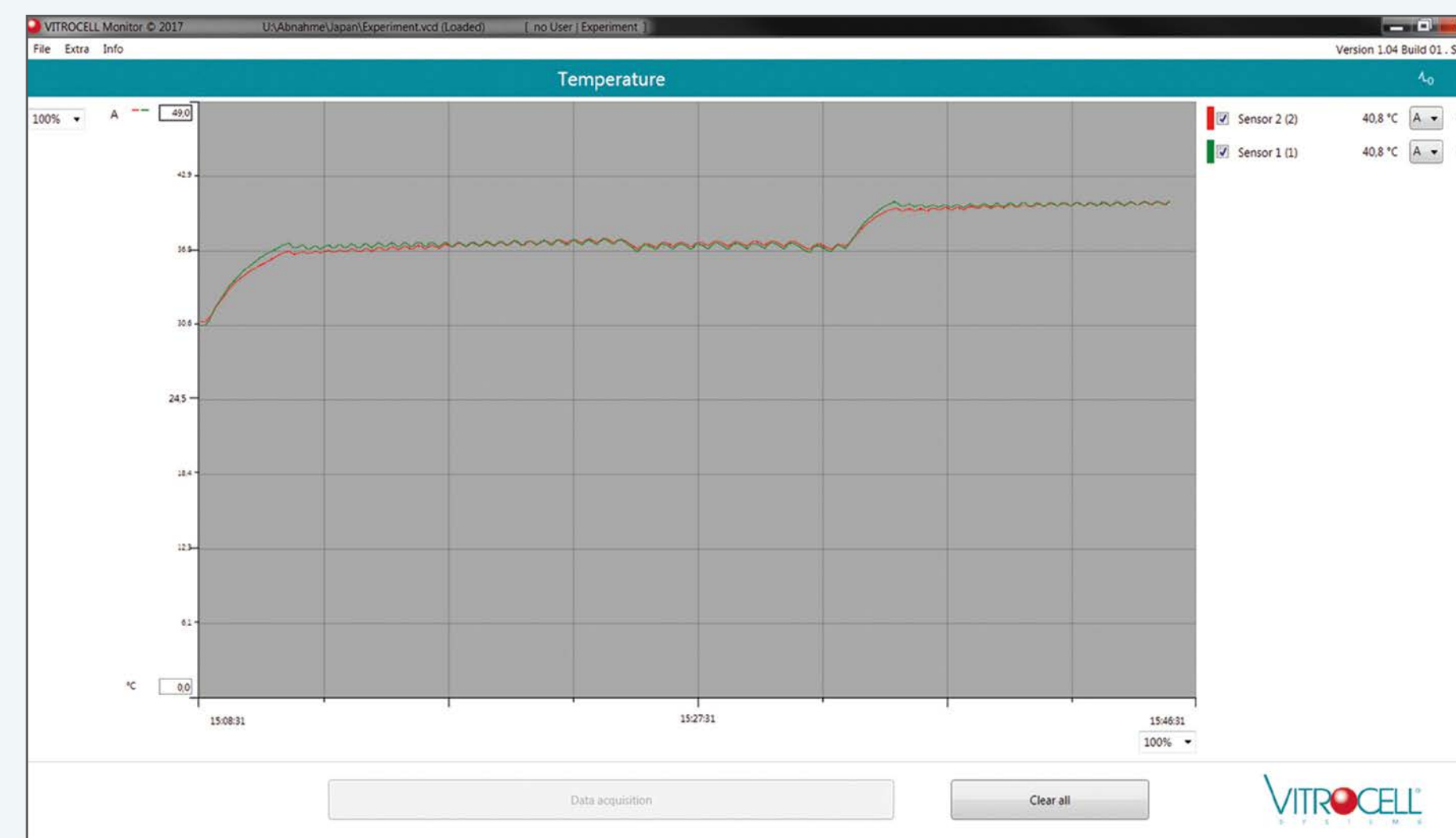


Fig. 1: The user interface of the new VITROCELL® Monitor software shows a bright and clean look.

Tracking of different parameters

After 6 years of innovation the VITROCELL® Monitor software is capable to record 5 different parameters if needed:

- Deposition on the VITROCELL® QCM
- Concentration of Aerosols measured by the VITROCELL® Photometer
- Carbon monoxide concentration
- Temperature
- Humidity

VITROCELL® Monitor software is also available as GLP Editon which matches the guidelines for Good Laboratory Practice.

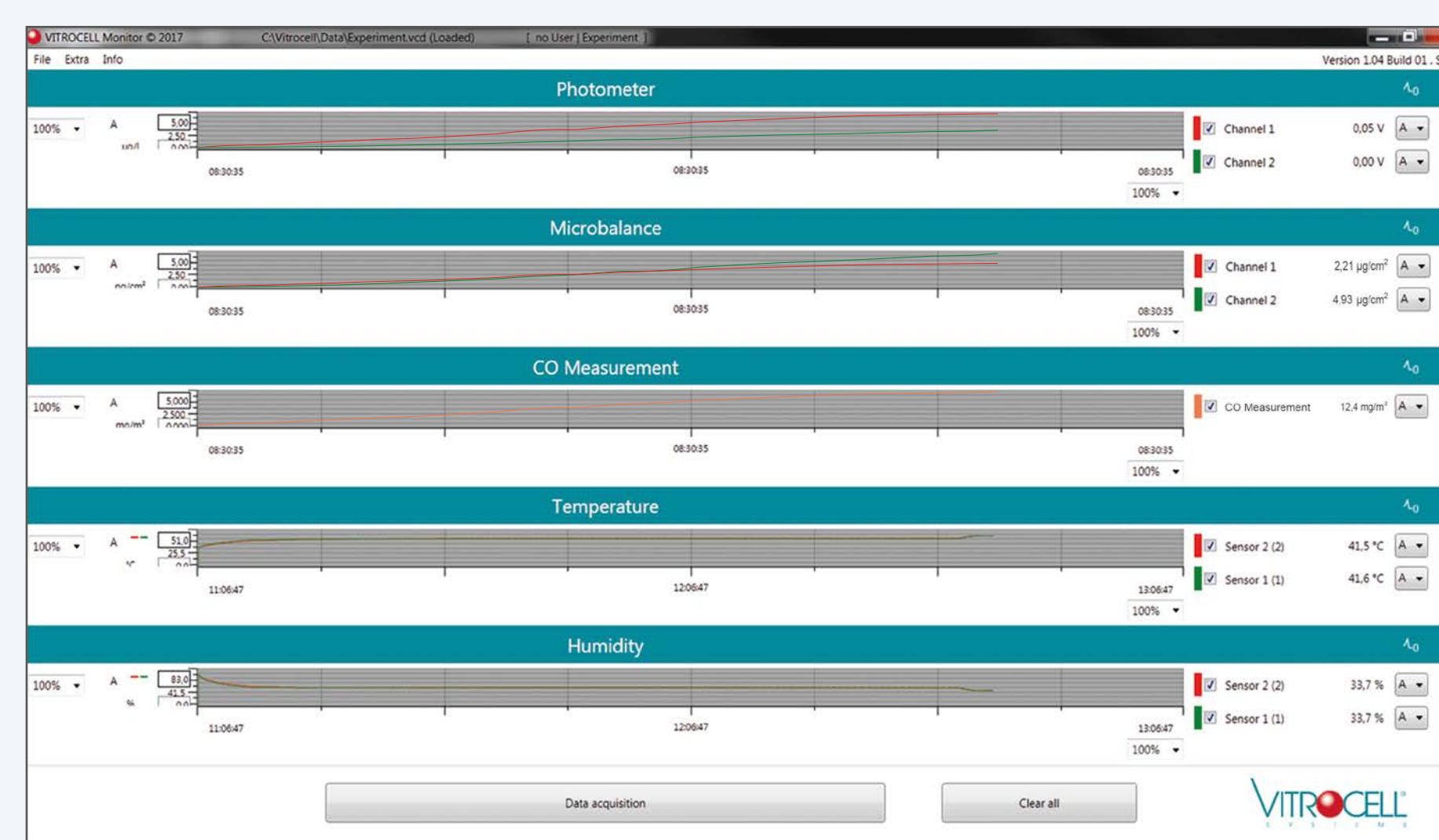


Fig. 2: The VITROCELL® Monitor software can monitor up to 5 different parameters simultaneously.

Multiscreen functionality

The new design presents itself clear and clean. The usage of space was optimized to set the focus to the recorded data and show a maximum of information. To reduce space expressive pictograms were introduced.

Furthermore the new design of the VITROCELL® Monitor software supports multiscreen use. By undocking charts from the main window they can be placed free in size and position or on a second screen.

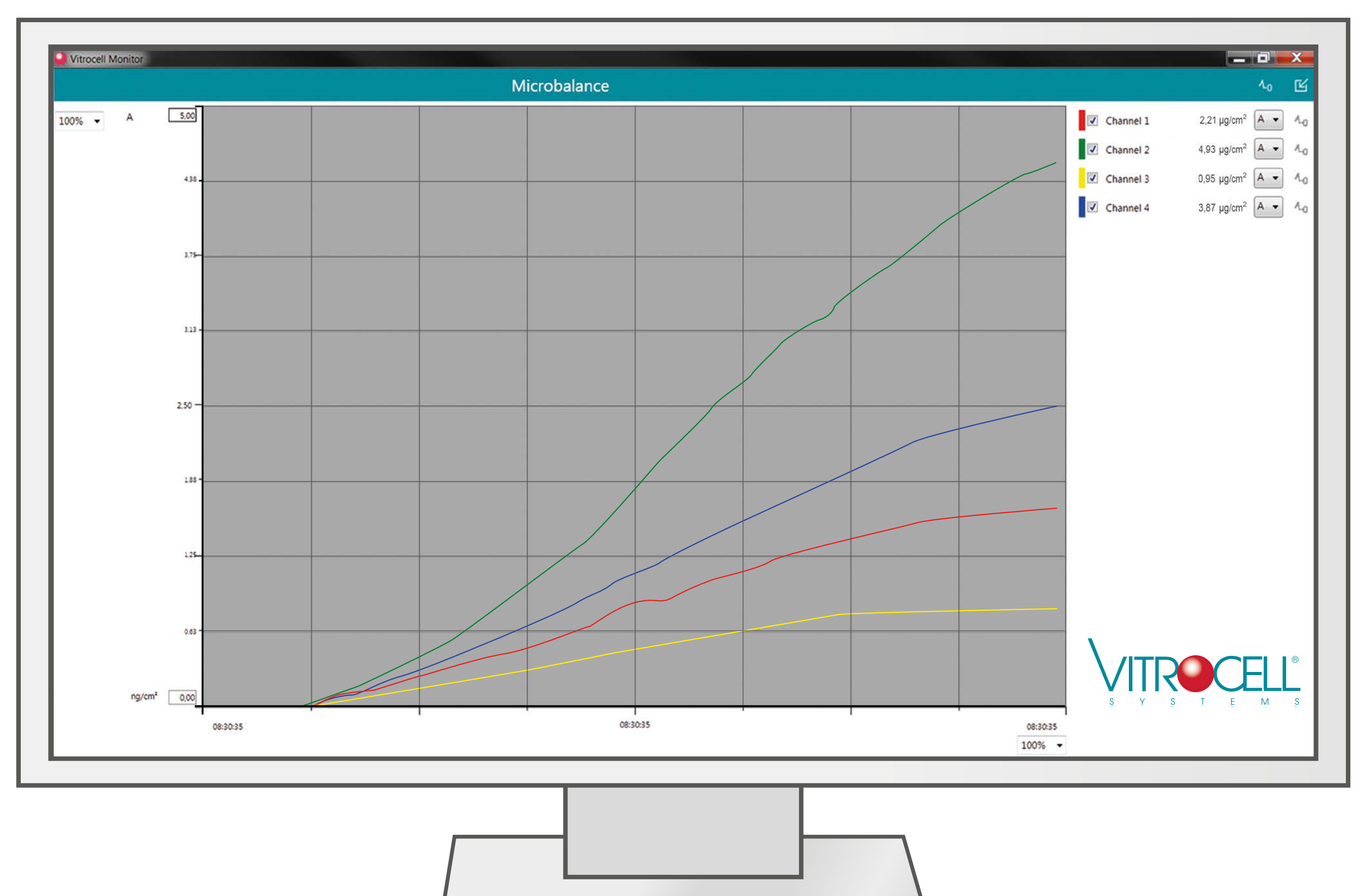
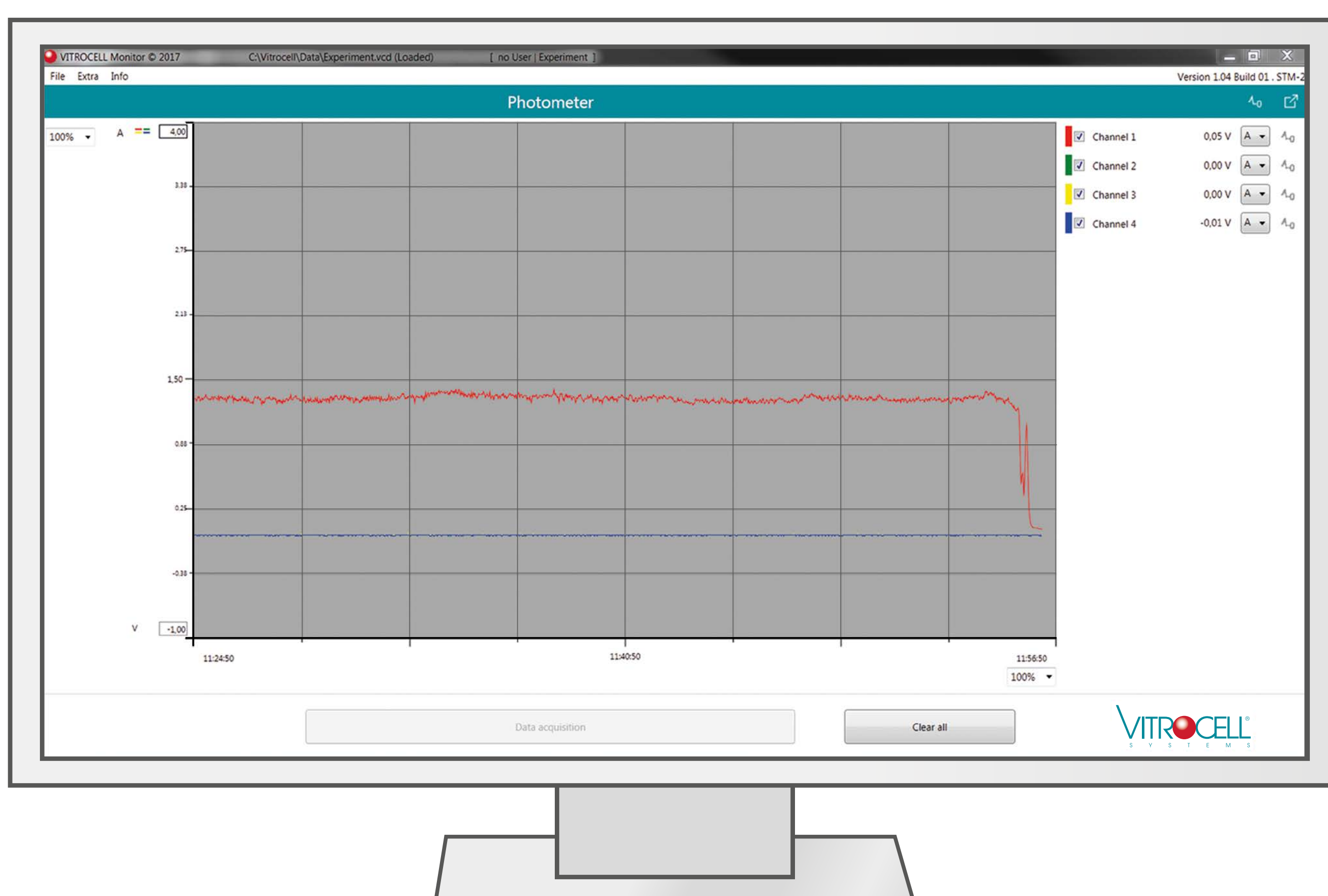


Fig. 3: With the new undocking feature the VITROCELL® Monitor Software is capable to use the full advantage of multi screen workspaces.