
Activating and retrieving operational data from Protocol 3 controller.

The Protocol 3 controller has the capacity to log data. The data is acquired in a CSV format and is easily converted to an Excel spreadsheet. This data can be useful when troubleshooting oven issues.

Attached is the procedure for ensuring the data is current.

1. Clear the recorded data
 - a. Press up arrow and enter button at the same time.
 - b. Use down arrow to select *"recorder control"*
 - c. Press enter
 - d. Enter security code (10)
 - e. Press enter button
 - f. Ensure *"Stop Recording"* is highlighted under Start/Stop Data Recording.
 - g. Press enter.
 - h. Press enter again.
 - i. Ensure the *"yes"* is highlighted under *"Clear recordings"*.
 - j. Press enter.
 - k. Ensure *"yes"* is highlighted under *"Confirm Erase"?*
 - l. Press enter.
 - m. Press the up arrow and enter button repeatedly at the same time until *"Select a mode"* menu is on the screen.
2. Configure the recorder.
 - a. a. Press up arrow and enter button at the same time.
 - b. Use down arrow to select *"Configuration Menu"*
 - c. Press enter
 - d. Enter security code (10)
 - e. Press the enter button.
 - f. Use down arrow to select *"Recorder Configuration"*.
 - g. Press the Enter button.
 - h. Ensure *"Record until memory used"* is highlighted.
 - i. Press the enter button.
 - j. Select *"every 10 seconds"* under Recording Sampling Interval.
 - k. Press Enter.
 - l. Press up arrow and enter button repeatedly until *"select a mode"* menu is on the screen.

3. Start the recorder.
 - a. Press up arrow and enter button at the same time.
 - b. Use down arrow to select *"recorder control"*
 - c. Press enter
 - d. Enter security code (10)
 - e. Press enter button
 - f. Ensure *"Start Recording"* is highlighted under Start/Stop Data Recording.
 - g. Press the Enter button.
 - h. Press up arrow and enter button repeatedly until *"select a mode"* menu is on the screen.
4. Operate the oven in manual mode with your desired set points and High limit set points.
 - a. Operate the oven for 30 minutes.
 - b. Stop the process.
 - c. Download the data.
 - i. Insert memory stick in the USB port (on front of control directly beneath the stop button)
 1. Memory stick will initialize.
 2. Press enter
 3. Enter security code (10)
 4. Ensure *"Write Recorder Log File"* is highlighted.
 5. Press enter.
 6. Enter folder name using up/down arrows and enter button (suggest Pre1 as a folder name) (enter button will advance the cursor).
 7. Continuing to press enter button will change screen when cursor is advanced to last available space for folder name.
 8. Ensure confirm *"yes"* is highlighted under *"Confirm Write?"*
 9. Press enter.
 10. Data will transfer to memory stick.
 11. When screen displays *"transfer successful"*, press enter.
 12. Use down arrow to highlight *"Write Configuration File"*.
 13. Press Enter.
 14. Enter folder name (for configuration file) using up/down arrows and enter button (suggest *"Con1"* as a folder name) (enter button will advance the cursor).

The files can now be viewed.