

# Arc View Controller Software Release Information

## 1 Arc View Controller 3.7.2



In July 2021, Hamilton Process Analytics launches the new Arc View controller Version 3.7.2 for die Arc View controller for the cell density monitoring system.

Compared to the previous software version, the Arc View controller software includes:

- General Improvements
- Display tolerances and verification criteria in verification report

The following are most useful features and bug fixes implemented in the Arc View controller Software 3.7.2:

| Improvements                     | Classification | Description   |
|----------------------------------|----------------|---|
| Reaction to power loss           | Bug-fix        | After an unexpected loss of power, an error message is now displayed, informing the user that the settings should be checked and that the recording must be restarted if necessary  |
| Improving Verification procedure | Bug-Fix        | Change of the name Validation to Verification   |
| Improving Verification procedure | Bug-Fix        | Verification (before Validation) can now no longer be started without missing username.   |
| Improving Verification procedure | New feature    | Display of tolerances during verification in the report for Dencytee and Incyte. Report is automatically saved regardless of the outcome of the verification.   |
| Network connection               | Bug-Fix        | The user password of the network connection does not expire after one year.   |
| Temporary log files              | Bug-Fix        | Temporary log files are no longer created on the ArcView controller. These files were purely backup files and were no longer used in the measurement process. The error message of full memory will not be triggered by this issue anymore. |

## 2 Arc View Controller 3.7.1

General improvements to increase system stability based on the error-logger, which was implemented in version 3.7. Corrections of the alarm output for the 4-20 mA Output Box.

## 3 Arc View Controller 3.7

Implementation of an overall software stabilization, including:

- Protection against corruption of initialization and culture files
- Disabled function to download running culture files
- Possibility to delete corrupt files from the Arc View Controller
- Fix of export data procedure
- Possibility to perform a script recovery
- Implementation of an error-logger to collect status-data in case of software malfunction

## 4 Arc View Controller 3.6

Improved error analysis and sterilization cycle counter. Dencytee external light detection adjusted.

## 5 Arc View Controller 3.5

Enabling Cell Density Integration Kit, Dencytee external light detection improved.

## 6 Arc View Controller 3.4

Enabling Incyte (LC) low conductivity calibration, OPC connection improved, Dencytee external light detection improved.

## 7 Arc View Controller 3.3

Manual configuration of «Network Settings», allowing Cell Factor < 1.0, set time-zone offset, Graph and Data Logging for Arc Sensors (MB and BT).

## 8 Arc View Controller 3.2

Graph and Data Logging for Arc Sensors (MB).

## 9 Arc View Controller 3.1

Hamilton branding and basic Arc Sensor integration (MB).

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