

Mira Cal P 4.1.1

Release Notes

8.0105.8014EN / 2018-12-04



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1 Purpose

This document describes the fixed bugs and problems as well as improvements in the following new software version in comparison with the previous version.

- New version: 4.1.1
- Old version: 3.1.20



2 New features

Topic	Description
New GUI layout	A more intuitive, modern, and flexible layout for the entire software.
Training set builder	An easier, more automated way to build training sets faster without having to synchronize operating procedures every time.
Customizable reports	The user can define which fields should be included in reports. With the XSLT option, the user can completely rewrite the look of reports.
Model viewing tools, reprocessing and quick match	<p>The user can dive into models to understand them better. This helps to build more robust models and cross-verify samples against other models.</p> <p>Help feature for training set builder – description and contextual help for model tools.</p> <p>Help feature for quick match.</p>
Organizational tools	<p>Organizational tools as folders, tabs and filtering options were added to MiraCal.</p> <p>Tabbed workspaces give a more familiar feel to working in MiraCal. Samples are easy to locate due to filtering, searching, and folder structures.</p> <p>Sample browser date filter.</p> <p>Unique sample ID filter tools – view, search, and trace by ID number.</p> <p>Drag and drop file support.</p>
CVA support	MiraCal supports the calibrate/verify attachment.
Storing database on network	The database can be stored in folders on local or network drives. Multiple instances of MiraCal can share the same database but concurrent access is not possible.
Auto-export on synchronization	MiraCal has the ability to turn on automatic report generation as well as automatic sample export on synchronization. Either turn it on and let it prompt for a location every time or set a location for the most hands-off experience.



Topic	Description
Container mode (auto-increment and rescan)	<p>Auto-increment allows the user to define a starting container number and an ending container number. The instrument takes care of completing the container field.</p> <p>Rescan mode allows the manager or admin to set parameters for passing or failing individual containers.</p> <p>These features are defined in operating procedures in the software but only run on the instrument.</p>
Database permissions	<p>Each instrument can be set with specific synchronization permissions for specific MiraCal instances. Instruments can be set to not allow download (and deletion) of data on any MiraCal instance other than the ones defined in the permissions. This ensures complete data integrity.</p>
Dark theme	<p>MiraCal can be set to a dark background. This is easier for the eyes in a dark environment.</p>
New Data formats	<p>New, smaller default *.brms file format. (*.srmp supported for legacy.)</p> <p>Export files as *.spc.</p> <p>Peak table saved as *.csv file format.</p>

6 Compliance

The new software version adds to the audit trail features, supports the CVA and fixes previous gaps in data integrity. Thus the new software version improves MiraCal compliance with 21 CFR Part 11, GMP and ALCOA (PLUS). The new software version improves conformity with USP and EP guidelines.