

Metrohm AG lonenstrasse CH-9100 Herisau Switzerland Phone +41 71 353 85 85 Fax +41 71 353 89 01 info@metrohm.com www.metrohm.com Mira P Release Notes 9.0.1.62 2019-03-29 809278003EN

1 Purpose

This document describes the fixed bugs as well as improvements in the following new firmware versions in comparison with the previous versions.

■ Mira P

New version: 9.0.1.62Old version: 9.0.1.51

2 New features

None

3 Improvements

Торіс	Description
Screen dimming set to 30 s	Shortened the delay before the screen dims to 30 s from 120 s. This improves battery life.
Screen comes back with tip activity	Any time an attachment is removed or opened, the screen comes back to full brightness. This improves user-friendliness.
Battery messaging and indi- cator (Battery type)	Developed better battery levels based on voltage that are specific to the battery chemistry (Li or NiMH). This battery chemistry is selectable on device.
Mixture matching	Improved mixture matching algorithm.
Audit trail entries for shut- down	Added audit trail coverage for shutdown events.

4 Fixed bugs and problems

Торіс	Description
Messaging between pro- cessors	Updated the messaging between processors to prevent occasional lock-up.

Topic	Description
Legacy training set lock-up	Fixed the support for legacy training sets to prevent occasional lock-up.
Class 1 vs class 3B tips	Updated class 1 tip behavior to better prevent tampering.

5 Known issues

Торіс	Description
Barcode Reader	The Barcode Reader does not recognize special characters in foreign languages. (Example: Säure is read as S_ure.)

6 Compliance

The current firmware version does not contain any modifications that affect conformity of Mira Cal P regarding 21 CFR Part 11 and GAMP.

2 -----