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Firmware versions

5.814.0025, 5.815.0026, 5.846.0022, 5.850.0112, 5.855.0014, 5.856.0022, 5.857.0022, 5.858.0012, 5.867.0022, 5.874.0012, 5.887.0013, 5.888.0022, 5.890.0022, 5.901.0022, 5.902.0022, 5.904.0022, 5.905.0022, 5.906.0022, 5.907.0022

Release Notes

1 Purpose

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

- 5.814.0025
- 5.815.0026
- 5.846.0022
- 5.850.0112
- 5.855.0014
- 5.856.0022
- 5.857.0022
- 5.858.0012
- 5.867.0022
- 5.874.0012
- 5.887.0013
- 5.888.0022
- 5.890.0022
- 5.901.0022
- 5.902.0022
- 5.904.0022
- 5.905.0022
- 5.906.0022
- 5.907.0022

2 Improvements

Topic	Description
USB 3.0	The instruments can now be operated from USB 3.0 ports.
Liquid Handling in electroplating bath analysis with a Dosino and a dosing unit (up to 5 mL volume).	When dosing units are prepared, the solution is ejected only to the end volume of the dosing unit. The dosing piston does no longer move to the stop (only in conjunction with the **viva** PC software). This considerably increases the lifetime of Dosinos and dosing units in electroplating bath analysis. This improvement concerns the following devices and instruments: - 846 Dosing Interface - 814 USB Sample Processor - 815 Robotic USB Sample Processor XL - 858 Professional Sample Processor - 919 IC Autosampler plus

3 Compliance

The current firmware versions do not contain any modifications that affect the conformity of the instruments regarding 21 CFR Part 11.

Herisau, November 4, 2013

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