

1 Purpose

This document describes new functions, the changes, improvements and fixed bugs and problems in the following firmware versions:

- 5.912.0020
- 5.913.0020
- 5.914.1020
- 5.914.2020

- 5.913.2020 (new)
- 5.914.3020 (new)

In comparison with the firmware versions:

- 5.912.0014
- 5.913.0014
- 5.914.1014
- 5.914.2014

2 New functions

The following new functions have been integrated:

- Measurement of dissolved oxygen with the O₂ Lumitrode. Supported by 913 pH/DO Meter and 914 pH/DO/Conductometer.
- Improved loading: If the instrument is connected to the energy supply, it switches to standby mode. Supported by all instrument versions produced from April 2020 onwards.

3 Improvements

The following improvements were made:

- More decimal places are now displayed in tiBase when exporting data into the PC/LIMS format.
- Supports the new temperature-compensated internal clock with a minimum annual deviation. Supported by all instrument versions produced from April 2020 onwards.

4 Fixed bugs and problems

The following bugs and problems were fixed:

- The displayed values were not updated during the calibration of the conductivity.
- Update of all buffer tables.
- When calibrating an iTrode with the 913 pH Meter, a limit value violation was reported, even if the limits were not exceeded.

5 Known bugs and problems

The following bugs or problems are known:

- None