

Service Information Letter 10_2010

SIL_10_2010_MAS-100 Eco Firmware Update V 1.7 & Hardware Change R32

1 MAS-100 Eco

Instruments affected: all MAS-100 Eco

Change level:

- optional
- recommend by MBV
- mandatory
- for information only
- on request

2 Reason

Customers observed a “Low Battery” message before reaching the specified sampling volume of 18'000 L.
This Service Information Letter explains the technical background of this effect and how it can be solved.

Tests showed that not the batteries are empty to soon but the “Low Battery” was too sensitive.

The change consists of a HW change (R 32) to measure the battery voltage with less voltage drop. Additionally the FW is upgraded to V1.7 which only activates the “Low Battery” indication if the low voltage signal was present for at least 20s.

3 Procedure

If you experience a “Low Battery” indication before the specified 18'000l and you have followed the new charging time recommendation for NiMh Batteries of 14h (see SIL 10_2010_MAS-100 ECO Battery Charging Time) you can return your instrument to MBV for modification.

Stäfa, October 28th 2010



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