

Regarding MES 1001 NO_x/NH₃/SO₂ analyzer Applicable for MES 1001 / MES 1001 MARPOL

**Danfoss IXA A/S
Service & Support**
www.danfoss-ixa.com

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Address
Marsvej 5
DK-6000 Kolding
Contact
ixa.service@danfoss.com
+45 7488 8500

Dear Customer.

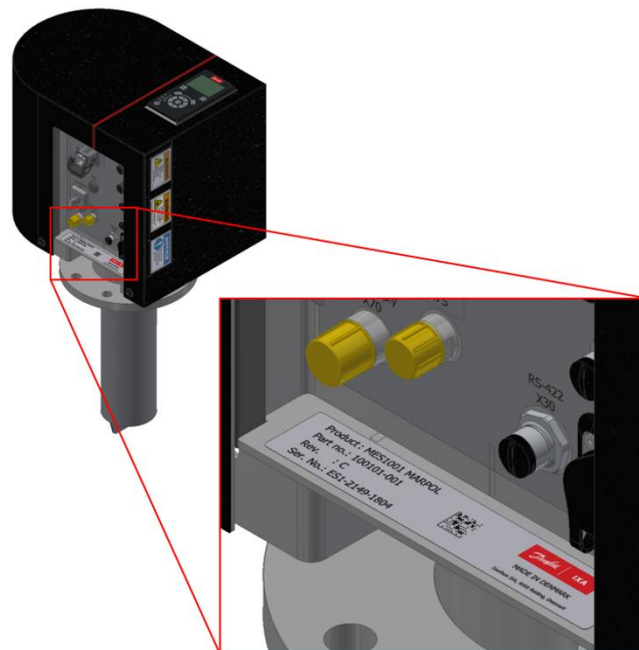
At Danfoss IXA our products are subjects to continuous development and updates. We strive to keep our customers informed regarding these developments and updates hence we send you this Service Note for MES 1001 + MES 1001 MARPOL.

Kindly read the below information.

Updated MES 1001 emission analyzer

The MES 1001 has now been in the market for almost 10 years, and as part of natural maturation, we have now made some changes and improvements for the future. The changes have been introduced during November 2024.

Identification	MES 1001 [Serial no. 2xxx-xxx-xxxx]	MES 1001 MARPOL [Serial no. ES1-2xxx-xxxx]
Part no. - Unchanged	100100-00x	100101-00x
Rev. - New /(Previous)	F / (E)	C / (B)

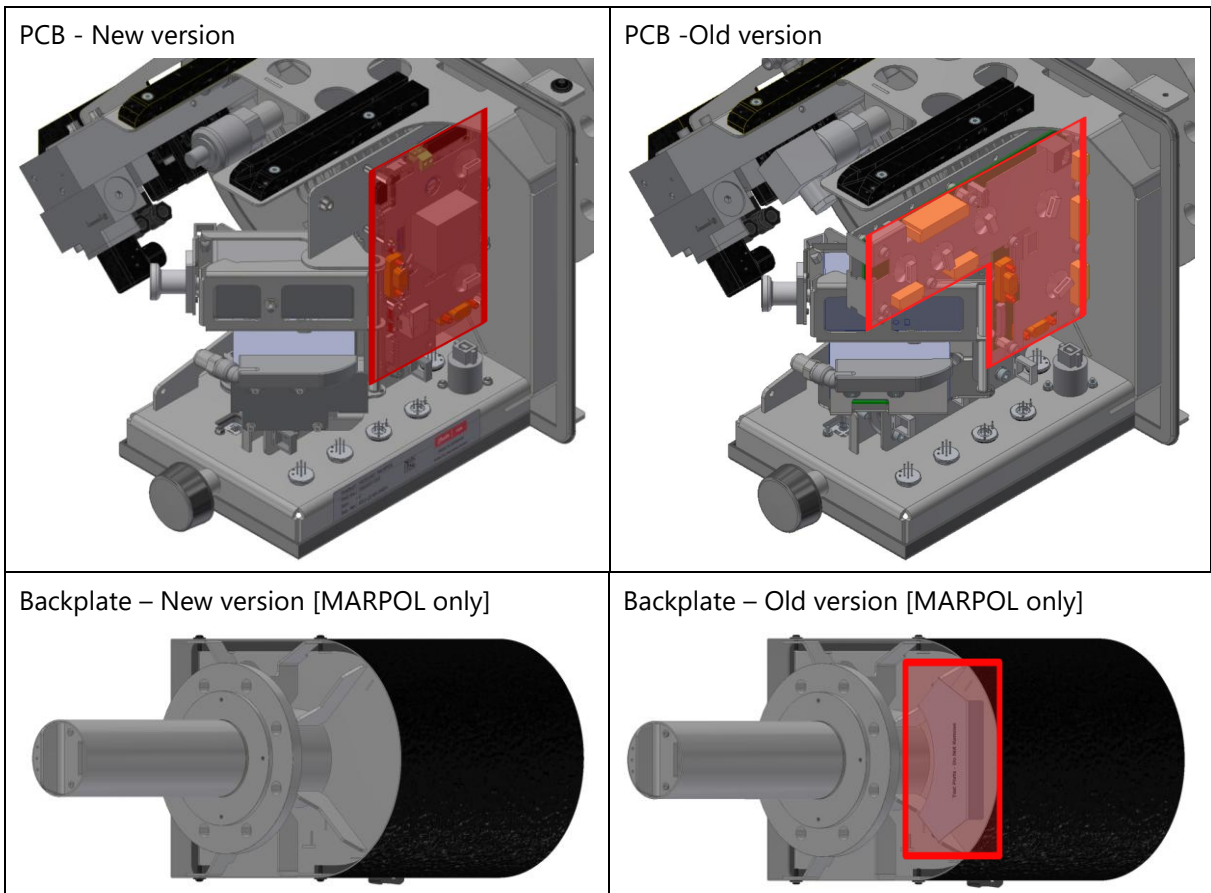


Hardware improvements:

The main change is that the controller board has been updated to new version that reflects the availability of components and a need for more processing power. This update includes among others:

- Support for future updates of the product and its applications
- Higher data processing speed
- Improved battery capacity for extended shelf life without losing initial time & date settings
- Internal SSD-storage rather than separate SD-card/slot
- Improved stability

Physical changes are as illustrated below:



Software (version 6.x.x)

The software has been updated to accommodate the hardware changes and future compatibility and, most importantly, includes improvements and fixes, including:

- Simplified menu structure for easier navigation
- Improved diagnostics report for faster support and more efficient troubleshooting
- Added pre-warning before probe is clogged by soot, allowing for preventive actions in due time
- Parameter flip issue resolved – No power cycle required – Values are stored immediately
- Automatic restart for various alarms levels/state, when these return to normal range/state

Previous Service Notes can be found at <https://danfoss-ixa.com/services-and-support>

Best regards,

Danfoss IXA

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