

ADVISORY NOTICE

18_2026_XL-640_New application and embedded software

Dear customer,

We hereby inform you that the XL-640 device application and embedded software have been updated to ASW 2026.01 and ESW version 2025_RE0_09.

1. Purpose:

Application software 2026.01 is released to include new feature, improvements in previous Application software ver. 2025.03A.

XL640+ Embedded software ESW2025_RE0_09 & FSW2026_E0_01 is released to include new feature, improvements and to address issues reported in previous embedded software ESW2025_RE0_04 & FSW2025_E0_03.

2. List of changes in Application Software ver. 2026.01:

- 1) During shutdown maintenance, if an error occurs, the software will display a message with the error description and wait for 5 minutes before automatically shutting down the PC.
- 2) Removed Water save & shutdown option from Shutdown Menu
- 3) Flag Calibration, Control and Patient Sample measurements performed with Reagent Bottles whose On-Board Stability period is over, Display On-Board-Stability Over after Reagent Barcode Scan
- 4) Rename AUTOWASH to AUTOAWASH AC/AL, User-defined Positions, Barcode of AC AL
- 5) Offline calculate Urine Volume Correction
- 6) Display COP List & Process Sequence Version Number
- 7) Across Batch Carryover Probe Wash.
- 8) EL's Application Sheet-54 (Conventional unit) pre-loaded in Blank Database.
- 9) Change Cleaning Positions for Maintenance
- 10) User will be benefitted with SW feature of reporting <TECL limit with default SW-PMT setting without any additional intervention of field team.

3. List of changes in Embedded Software ver. 2025_RE0_09:

- 1) Issue Resolved: Stirrer Up/Down Error reported during System Wash & during Run
- 2) Improvement: Changes done in code to reduce spluttering
- 3) Improvement: Increased Down steps for ISE pump calibration by 1 mm as per the feedback from SEEPZ factory
- 4) Auto span will be performed for 3 cuvettes (Cuvette 1, 25, 49); maximum gain value among 3 will be considered for further calculation (Cuvette rinse, Manual Span, Run)
- 5) Auto span will not get repeated before every cuvette rinse.
- 6) Initialization of all assemblies will be performed after auto span.
- 7) Dirty cuvette indication is added after absorbance less than 0.02.
- 8) PCR Changes: PCR TD/S/032 – During batch run, reagent probe is adding water in the rest of the cuvettes which have not been used for testing. While adding same D/W in rest of the cuvettes, system performs internal & external

probe wash in every cycle, which leads to increased water consumption in every batch.

9) New feature implementation to support PCR: TD/RS/013 – R2 will be dispensed if sample absent is reported during Auto Wash

Application SW version **2026.01** and Embedded SW version **2025_RE0_09** are already included in devices produced from SN 645P192 onwards.

For SW versions, please contact your local service engineer or distributor.
The latest versions of the SW are available on the [ERBA Knowledge Base](#) website.

Applied for:

INSTRUMENTS:

50006771	INS00008	XL-640 (without ISE)
50006795	INS00007	XL-640 (with ISE)

In case you have any additional questions, please do not hesitate to contact us.

Best regards,
Erba Lachema s.r.o.

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Brno, 25th May 2026

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