

Declaration of Software Validation

This document certifies that upgrading to the latest firmware (ROM) version for the product(s) listed below will not affect, in any way, performance verification under the *Inspection Certificate* or the *Installation Qualification (IQ)* or the *Operational Qualification (OQ)* attached to the product.

Product name : AP124W / AP224W / AP324W
 AP124X / AP224X / AP324X
 AP124Y / AP224Y / AP324Y

Content of upgrade

Version prior to upgrade	Version after upgrade
Ver S1.00.00	Ver S1.01.05
Ver S1.01.03	Ver S1.01.05
Ver S1.01.04	Ver S1.01.05

The following gives the firmware (ROM) revision history for the AP124W / AP224W / AP324W / AP124X / AP224X / AP324X / AP124Y / AP224Y / AP324Y.

[Ver S1.01.05]

No.	Item	Description
1	Problem(s) corrected	There is a case that Power-ON check does not proceed from 40%.
2	Function(s) added	None
3	Necessity of implementing IQ/OQ	Not necessary

[Ver S1.01.04]

No.	Item	Description
1	Problem(s) corrected	1) When a specific control code is received by serial communication, it becomes impossible to receive subsequent commands. 2) Timer CAL execution guidance is not displayed. 3) The data output file name to the USB memory is incorrect.

		4) Some printing positions are not aligned with statistical calculation printer output.
2	Function(s) added	The following functions have been changed. 1) Continuous output function and auto print function are not interrupted by command. 2) When reinserted the USB memory, the weighing value is saved to the new file. 3) Slow access speed USB memory is available.
3	Necessity of implementing IQ/OQ	Not necessary

[Ver S1.01.03]

No.	Item	Description
1	Problem(s) corrected	1) The stability mark is not displayed after auto-tare in the Add-on mode or Formulation mode. 2) When the load becomes negative during the display of the result of following functions, transition to the next screen can not be made. Specific gravity, Liquid density, Buffer solution preparation, Recipe preparation 3) There is an error in the display message when connecting to Lab Solutions Balance and executing ICAL. 4) Stability information is not added to the response of the D07 command. 5) Data is output to the D08 command even when the stability mark is not displayed.
2	Function(s) added	The following functions have been added. 1) Automatic zero setting function when logging in by communication command. 2) Function to avoid errors when communicating with LabSolutions Balance. 3) Compatibility with legal regulations in Europe and India. There are no effects on products for other regions.
3	Necessity of implementing IQ/OQ	Not necessary

September 20, 2017

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