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New thermoblock and software version for Mastercycler pro and ep

Starting with serial number 10001 (lot no: Z239423M), the Mastercycler pro, Mastercycler pro S and Mastercycler pro 384 will come with a new software and a new thermoblock. The new thermoblocks have a lower frame as the current thermoblocks. The advantages of the new thermoblocks are:

- RoHS compliance
- better lifetime of the peltier elements
- slightly better homogeneity (still within the current, unchanged specifications)

The new software version 3.024 is designed to control the new thermoblocks, but is downward compatible, i.e. it can also control the previous systems (Mastercycler ep). Thus, new cyclers can be integrated in existing networks through a regular software upgrade procedure.

The corresponding software version of the control panel 6320 is version 1.009, which will start at serial number 6320ZL403751 (lot no: Z238717L).

The corresponding software version of the control panel 5340 is version 4.603

Requirement for the installation of the new thermoblock into a Mastercycler pro:

1. Update Software Version : Control panel 6320, (1.009) and Mastercycler pro, (3.024)

Requirements for the installation of the new thermoblock into a Mastercycler ep:

1. PCB Launch 6321 853.003 has to be installed.
2. Update Software Version: Control panel 5340, (4.603) and Mastercycler ep, (3.024)

The new **AI thermoblock 6321 857.009** replaces the previous thermoblocks 5341 857.009 and 6321 890.006.

The new **Ag thermoblock 6321 859.001** replaces the previous thermoblocks 5341 859.001 and 6321 892.009.

The new **384 thermoblock 6321 858.005** replaces the previous thermoblocks 5341 858.005 and 6321 891.002.

We recommend that you include this information together with your Mastercycler Service Manual, to have all relevant product information available in one place.