

## ILS MAX Firmware Upgrade v3.01

### Reason / Background

ILS MAX units with firmware v3.00 have erratic peristaltic pump behavior with pumps not running on full/automatic speed. This occurs in certain configurations when the pump backup (auto reverse) is disabled.

### Solution / Actions

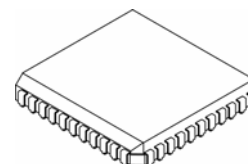
Where the above symptoms exist, the ILS MAX units will need to be upgraded to the latest firmware version v3.01.

The following changes have been made to the firmware to correct the above issue:

1. A bug that caused the chemical pumps to run very slowly when backup was disabled was fixed.
2. The copyright notice was removed from the startup screen (Unrelated).

Refer to the ILS MAX manual to locate the EPROM on the ILS MAX PCB. Please check the labeling on the installed EPROM in the ILS MAX unit to identify if an upgrade is required:

- EPROM labeled 1206833 (v2.10 firmware) – No upgrade required.
- EPROM labeled 1208993 (v3.00 firmware) – Upgrade required.
- EPROM labeled 1211924 (v3.01 firmware) – New – No upgrade required.



Newly shipped ILS MAX units will have the correct EPROM installed or will have the upgrade kit provided to install the firmware upgrade. For existing installations Upgrade kits and EPROMS can be ordered separately by using the material numbers below.

### Affected Items

068484	ILS MAX Controller/Dispenser
058492	CCT BRD Model 100 CLAX ILS MAX
1206832	Upgrade Kit Program ILS MAX (Check kit contains 1211924 only)
1211924	EPROM ILS MAX V3.01
1208993	EPROM CLAX ILS MAX V3.00 (Obsolete)

For any further assistance please contact Technical Service.



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