



# IMPORTANT TECHNICAL PRODUCT UPGRADE ADVICE



**Product:** Recommended Upgrade for ME2000 / ME2008  
Microprocessor Interface Batch Safety Card

**Benefit:** Simultaneous batching of up to 8 admixtures / water

**Date:** 11<sup>th</sup> Nov. 2019

When the ME2000 and ME2008 units were introduced 18yrs and 10 years ago respectively, only up to 3 to 4 admixtures were ever used simultaneously in a batch mix load. Many of these units are still in operation.

Now 10 years later since the last significant hardware upgrade, we have reports of up to 6 chemicals added simultaneously in the one batch mix load. As a consequence we have recommended sequencing the starts to limit the added initial current draw which can cause power drop issues.

Other issue manifesting itself is an intermittent pulse-fail/low-flow alarm on a DCPM module, a result of voltage drop.

Moving forward we strongly recommended a complete power upgrade of units currently in operation with the latest power efficient components to cover current and future increased demands.

This will allow any unit in existence to operate with up to 8 admixtures running simultaneously without any effect to the unit's performance. Power regulation will be enhanced eliminating the ghost intermittent alarm. Further, it will allow units to be more compatible with ManuFlo's future next generation MES and Magflow flowmeter products.

Therefore for units supplied 16<sup>th</sup> April 2018 onwards the full latest technology power component upgrades are automatically fitted.

But for any other units currently in operation ManuFlo strongly recommends the following course of action:-

1/  
AC powered units to be returned for upgrade/install &  
Modification with an enhanced more powerful  
240vac Toroid Transformer.

**AC**

2/  
DC powered units to be returned for upgrade/install & modification  
with the latest technology high efficiency DC voltage converter now available.

**DC****DETAILS:**

For 24VDC powered units reconditioned/upgraded from Jan-2017 to present we recommend upgrading with the latest technology for a fee of \$ 275.00 Part # VC24 (+labour/repairs).

For all AC powered units the fee would be \$ 395.00 Part# T240VAC (+labour/repairs).

For units that have not already been upgraded within that time period, then the full upgrade fees would apply which include component upgrades, software v1.8, plugs, displays and any other component replacements in addition to the above power enhancements.