

SDS & PSDS MIX PUMP TIMER FEATURE

All manufactured SDS and PSDS Bicarbonate Mix and Distribution systems come complete with a PLC timer function that will automatically shut-off after 10-minutes of bicarbonate mixing. This has been a standard feature since 11/2010.

If your system does not have this feature, upgrade kit part number W3T578294 for the SDS and/or PSDS system will be necessary to incorporate the bicarbonate mix pump timer feature. Please note that existing models that have had the PLC replaced since November of 2010 would NOT require the upgrade as that system would already have this feature. For those models that have not had the PLC upgrade, the kit would be required.

This will help to address any concern with possible compliance matters pertaining to the CMS Interpretive Guideline tag number V234 which states, *“There must be a system to prevent overmixing of bicarbonate. This could include a timer integrated into the mixing system for automatic cut-off, or a policy to require staff to monitor the mixer and cut it off immediately when the time period for mixing is completed. Use of overmixed bicarbonate concentrate can result in a low calcium level in the dialysate and a concomitant drop in patients’ serum calcium levels.”*

The W3T578294 parts kit includes the components and wires necessary to make the improvement along with detailed instructions for field installation. Once installed, the SDS and/or PSDS units would automatic shut-off the bicarbonate mix pump after 10-minutes of mixing.