

Date	17 Jun 2014		Release Note #	4300-2011	ECO Ref #	1160
Product	DS/EVO 4300		Description	Upgrade Firmware		
Revision Change	From	3.05	To	4.00	Created By	J. Yangco

Release	<input checked="" type="checkbox"/>	Internal	<input checked="" type="checkbox"/>	Distributors	<input type="checkbox"/>	Customers
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Assembly / Part #	9200-0102 EVO 4300 U20 Main GUI Firmware 9200-0103 EVO 4300 U12 Main Motor Firmware
Serial #	All
Description	<p>Main GUI</p> <p>Reason: When media replacement is enabled on older firmware, the pinch valve is enabled (closed) when the instrument is idle during a test. This can result in the replacement pinch valve tubing becoming deformed, reducing the flow rate of the media being drawn in for replacement and the replacement volume not meeting specifications.</p> <p>Changes: A change was made to the timing of when the media replacement valve is enabled (closed) or disabled (open) during a test.</p> <p>Three conditions were changed and are now as follows:</p> <ol style="list-style-type: none"> 1) Replacement lines are no longer filled at the start of the test. 2) Replacement lines are purged after each sampling points. 3) Replacement pinch valve is disabled (open) after each sampling points.



Whenever replacement cycle is enabled, the minimal interval time increases because the replacement cycle will take more time to fill the lines, perform media replacement and purge the lines.