



## TROUBLESHOOTING - VOLUMETRIC FLOW METER

Below is a table describing the most frequent problems and solutions with the LPX Volumetric Flow Meter. For further assistance, contact USC at (785) 431-7900.

Problem	Possible Cause	Solution
Flow Meter is fluctuating	<ol style="list-style-type: none"> <li>1. Pump is sucking air.</li> <li>2. Restriction in the line.</li> <li>3. Flow meter is not full of liquid</li> </ol>	<ol style="list-style-type: none"> <li>1. Check and tighten all hose connections.</li> <li>1. Check filter to see if gasket is missing or cracked.</li> <li>2. Clean out filter and lines to check for any debris.</li> <li>3. The meter will fluctuate if there is nothing pumping and there is some liquid left in the meter. Drain out liquid.</li> </ol>
Flow meter won't turn on	<ol style="list-style-type: none"> <li>1. Improper power going to flow meter.</li> <li>2. Loose connection.</li> </ol>	<ol style="list-style-type: none"> <li>1. Check incoming power to flow meter.</li> <li>2. Check connections inside the control panel and inside the flow meter.</li> </ol>
Flow Meter is reading too low or too high.	<ol style="list-style-type: none"> <li>1. Restriction in Flow Meter or in line.</li> <li>2. Air in treatment. This can cause the flow meter to read lower than calibrating it using a measuring cup.</li> <li>3. Seed flow has changed.</li> </ol>	<ol style="list-style-type: none"> <li>1. Flush the flow meter with water or use compressed air and blow air backwards through the meter.</li> <li>2. Check and tighten all hose connections.</li> <li>2. Check filter to see if gasket is missing or cracked.</li> <li>3. Recheck seed flow rate.</li> </ol>
Flow meter will not zero	<ol style="list-style-type: none"> <li>1. Improper wiring</li> <li>2. Wrong parameter programmed into flow meter</li> </ol>	<ol style="list-style-type: none"> <li>1. Check wiring schematic. (</li> <li>2. Check flow meter parameters. Call local dealer.</li> </ol>