



TROUBLESHOOTING - MASS FLOW METER

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