

Problem: Inlet Gas Gauge and iSOC Gas Gauge (on Control Panel) have almost identical readings

Steps	Instructions/Questions	Task	Corrective Action
1	Before turning off the system.	Check to make sure cylinder still has gas	If not, replace gas cylinder (and re-install isocs).
2	Test for gas leaks?	Use Snoop to test for gas leaks.	Fix any gas leaks; And re-install iSOC(s) in Step 8.
3	Is the inlet gas gauge set 4-5 PSI above the well head pressure?	Compute what the well head pressure is.	Increase/decrease the inlet gas pressure to 4-5 PSI above well head pressure (Perform Step 8).
4	Is the Bypass Valve on the control panel stuck in a partially open position?	Pull out on the Bypass Valve to make sure it is not stuck in an open position.	Bypass Valve must be fully closed (meaning button is pulled all the way out).
5	What is the flow meter reading?	Hold control panel upright. Is it too high/ too low...or is it stuck? (Recommended setting is 15 cc/min).	Make slight adjustments...to see if the isoc gauge responds (meaning isoc gauge reflects well head pressure. If gauge does not respond... perform Step 8. (This may take a 30-45 minutes, or more).
6	Is the isoc flooded? Or, malfunctioning? (If removing drain plug be sure to re-wrap with teflon tape).	Pull the isoc out of the well and place it in a 5-gallon bucket of water...in upright position. What do you see? <ul style="list-style-type: none"> • Is the tubing kinked? • Do you see water inside the tube above the isoc? If so, isoc is flooded. (Go to Step 8) • Are there any bubbles? (A few or a lot?). • Normal is 1-2 bubbles every 1-2 seconds. • Normal is the 1-2 bubbles coming from 1-2 holes on the side of the isoc. • Are there a lot of bubbles coming from the top of the isoc? (If so, the oxygen is escaping past the O-ring and out the top of the isoc). 	Do the following: <ul style="list-style-type: none"> • Un-kink the tubing (Check for damage). • Remove drain plug; use bypass valve to blow out water from isoc & tube. • Adjust flow meter or inlet pressure gauge. • When set at 15cc/min. • If this is not the case, what do you see? (Where are the bubbles coming from?). • Turn oxygen off; Remove safety ring from top of isoc; Remove top assembly from casing and clean O-ring. Remove any foreign matter. Reassemble and turn oxygen on. Re-install isoc according to recommended settings. Then monitor.
7	Is Bypass Valve open and iSOC flooded?	Check Bypass Valve & remove drain plug	Use Bypass Valve to blow out all water. Re-insert drain plug. Re-install isoc.
8	If none of the above?	Remove isoc from well; Hit Bypass Valve for 6-8 seconds; Set gauges and flow meter accordingly;	Re-install the isoc and monitor for several minutes to see if gauges respond appropriately.
9	Call Don Ray	(O) 850-385-7790 (Cell) 850-294-3757	Resolve over the phone; Or iSOC Rep needs to do site visit.