

Pressure Problems Resolved in Hydrostatic Testing:

Some of the items below relate to Galiso legacy systems only.

Galiso REC4 Systems replace the transducer and load cell of legacy systems with digital components which allow for communication without the need for an A/D card.

Galiso is also able to provide remote operation, service and support for networked REC4 Systems.

Customer Service: 1-800-854-3789 or (970) 249-0233

PROBLEM	POSSIBLE CAUSE	SOLUTION (WHAT TO DO)
<u>Pressure and Expansion</u> Both are out of the ordinary - both are unstable / stay on zero.	Possible damaged A/D card	Recalibrate both pressure and expansion, note the "Calibration Factors" of each, and call Galiso. Replace A/D Card in Computer.
<u>Pressure</u> Pressure does not change from zero, no matter what you do.	Improper Calibration. Factor set to zero.	Recalibrate pressure, following the procedure step by step as detailed in the instructions.
	Cable not connected to Computer	Check Transducer Cable connection to back of the computer.
	Broken Transducer	Go to verify. Hit F7. Then, unplug the Transducer Cable from the back of the A/O card. If reading changes, this could indicate a broken Transducer.
<u>Pressure</u> Decreasing in BOTH jackets	Leak in High Pressure Bleed Valve	Remove the SST tubing from the Bleed Valve (the line going out to the pit). If drops begin to form at elbow when the system is pressurized, the valve needs to be rebuilt (stem and/or seat).
Decreasing in ONE jacket only	Leak in High Pressure Tubing	Check all connections from console out to jacket that has the leak.
	OPPOSITE Jacket High Pressure Valve Leaks	Remove the 1/4' SST tubing from OPPOSITE Jacket High Pressure Valve (the line going out to the jacket). If drops begin to form at elbow when the system

		is pressurized, valve needs to be rebuilt (stem seat and seal).
	Test Head has High Pressure Leak	Switch test heads. If problem goes to the other Jacket, Test Head needs rebuilding.
<u>Pressure Increasing</u>	Pump is continuing to pump even though Computer has tried to turn it off. (See also, "Pressure Unstable")	Pump Control Valve is stuck. Turn the air to the pump off. If this stops the increase, troubleshoot the control circuit from the control valve out to the pump.
<u>Pressure Unstable</u>	Damaged Pressure Transducer	Attach Master Gauge to the system. Pressurize to a readable pressure, and hold. If the pressure is stable on the gauge, but drifts on the Transducer, replace Transducer.