

Issue	Possible Cause	Possible Solution
Display is off / Blank	1. No power	1. Check power supply and power cable
Readings are noisy or erratic	1. Loose cables or connections 2. Contamination 3. Vibration	1. Check or tighten connections 2. Inspect the 300 gauge for signs of contamination such as particles, deposits, discoloration on gauge inlet. Contact sales@lesker.com for Cleaning Guide. This can also be available on the 300 page via lesker.com 3. Ensure the 300 gauge is not mounted where excessive vibration is present
Readings appear very different from expected pressure	1. The process gas is different from the gas used to calibrate the 300 2. Gauge has not been calibrated or has been calibrated incorrectly	1. Correct readings for different gas thermal conductivity. See Pages 19-27 of Manual 2. Check that ZERO and SPAN (ATM) are adjusted correctly (Pages 12-13 of manual provide detailed steps to set both ZERO and SPAN)
Gauge cannot be calibrated - zero and span can't be adjusted	1. Contamination 2. Sensor Failure for other cause	1. Contact sales@lesker.com for Cleaning Guide. This can also be available on the 300 page via lesker.com 2. Contact sales@lesker.com for replacement sensor
Setpoint does not actuate	1. Incorrect setup	1. Check setpoint setup
Display shows "Bad"	1. Sensor wire damaged	1. Contact sales@lesker.com for replacement sensor
Displayed pressure is too high and cannot be set to correct value	1. Contamination 2. Sensor wire damage	1. Contact sales@lesker.com for Cleaning Guide. This can also be available on the 300 page via lesker.com 2. Contact sales@lesker.com for replacement sensor
Displayed pressure is too low and cannot be set to correct value	1. Contamination 2. Sensor wire damage	1. Contact sales@lesker.com for Cleaning Guide. This can also be available on the 300 page via lesker.com 2. Contact sales@lesker.com for replacement sensor

If none of these steps help alleviate the issues, please contact sales@lesker.com with the Troubleshooting form as well as provide the R&D and Resistance Values (see Error Message - EMIS FAIL for instructions on how to obtain these values)