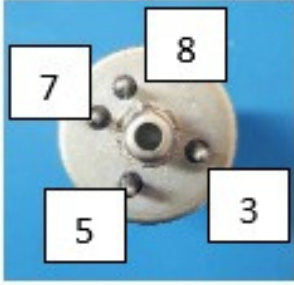


# Troubleshooting Guide

6-VG-P

## Operation Contamination

Classic Analog Vacuum Gauge  
Part Number: 6-VG-P

Issue	Possible Cause	Possible Solution
Meter says "●" on the right	1. Indicates the "power off" state	1. Verify that the supply is plugged into the board power receptacle and that the wall adaptor is plugged in.
Meter stays near ATM	1. Pressure could be above 1000 mTorr 2. The wrong gauge tube is being used 3. Sensor cable not connected 4. Bad Sensor	1. Ensure that the system is below 1000 mTorr 2. Verify that the tube is the SEN-DV-6M equivalent. 3. Verify that the sensor cable is connected. 4. Verify that the gauge tube is good.  1. The resistance between pins 3 and 5 and 3 and 7 should be 18-20 Ohms.  2.  3. If either are zero ohms, the gauge should be replaced.
The unit starts near ATM when turned on, then slowly moves down		1. This is a normal operation; due to the initial heating of the filament
How do I calibrate this instrument?		1. Page 8 of the Manual

If none of these steps help alleviate the issues, please contact [sales@lesker.com](mailto: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)