

## TUNING AND CALIBRATION 959 LEAK DETECTOR

### Daily

1. Install the calibrated leak in the testport with the leak valve open.
2. Press START
3. When the test port pressure drops below the transfer set point it will automatically switch to TEST
4. Close the leak valve and see if the leak rate meter drops. If the leak rate dropped you only need to optimize the signal.
5. Open the leak valve.
6. Adjust the ION Pot (potentiometer) up or down until you reach a maximum leak rate reading.
7. Close the leak valve to verify that you are seeing helium. If it doesn't respond adjust for the next ion peak until you get a down scale reading when the leak valve is closed.
8. Adjust the FOCUS control until you reach a maximum leak rate.
9. Close the leak valve.
10. Adjust the ZERO controls for a zero leak rate on the most sensitive scale (10-9).
11. Open the leak valve
12. Using the CALIBRATE control adjust the leak rate reading to match the calibrated leak value.

THE SYSTEM IS NOW TUNED AND CALIBRATED



**800-910-4356**

*For Operator Training, Tech Support and  
Leak Detector Maintenance please visit [www.mass4.com](http://www.mass4.com)*