

Agilent VS Series Leak Detector Quick Reference Guide

Startup

1. Connect to AC power (120VAC, 20Amps), turn on rear power control switch.
2. Wait for SYSTEM READY to appear on lower left of Home screen (5 minutes)
3. Press TEST on front panel – wait for stable leak rate.
4. Press Control Panel on Home Screen.
5. Press Calibrate to AutoCal (3-4 minutes)
6. Unit should return to Fine Test Mode once Calibration sequence is complete.

Test/Vent Controls, Home Screen

1. TEST – when LD in Vent mode, press TEST to automatically advance through roughing mode, into Test, then Fine Test.
2. VENT – press and hold for 1 second to Vent Test Port
3. Custom test cycles may be set using the Menu. Choose Reject & Audio Set Points and Auto Sequencer to setup.
4. Leak Rate is shown in Bar Graph on Home screen and numerically just below.
5. T.P. Pressure = Test Port Pressure and is NOT the Leak Rate. Turns RED when above maximum test pressure of 10 Torr.
6. Reject: shows any of the 4 set points, if enabled and activated (see Menu)
7. Status – Leak Detector Status is shown just below Reject on the Home screen
8. Zero Button – use to negate the presence of excessive background Helium

Shutdown

1. Turn off the Power Switch in the back of the machine. LD can be in any mode for safe shutdown → If not in Vent Mode, then the Test Port will remain under vacuum.



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