

Start Up (Manual Section 1.3.4)

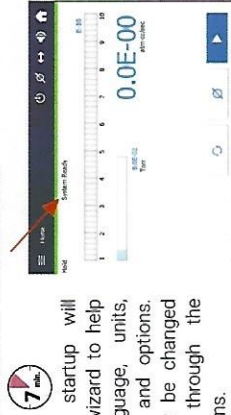
Installation: Do not install or use the pump in an environment exposed to atmospheric agents (rain, snow, ice), dust, aggressive gases, or in explosive environments or those with a high fire risk. During operation, the following environmental conditions must be respected:

- Temperature: from +12 °C to +45 °C
- Relative humidity: up to 90% (non-condensing)

Plug in power cord, flip switch ON behind unit.



Wait about 7 minutes for "SYSTEM READY."



First time startup will prompt a wizard to help select language, units, date, time, and options. These may be changed any time through the menu screens.

Calibration Set Up (Manual Section 4.1)



- **Read Internal Leak** - Quick check to see if instrument reads calibrated leak correctly
- **To Calibrate:**
 1. Select Internal Leak and Full.
 2. Tap Calibrate.
 3. Tap OK when calibration is complete.

Menu Navigation (Manual Section 1.5)

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|---------------------------|---|
| Calibration | <p>Calibrate with Internal/External Leak External leak to be placed on Test Port or vacuum system. Internal leak is provided instrument.</p> <p>Calibrate Full/Fast Full Spectrometer Calibration/ Fast Gain Adjustment</p> <p>Set Points Set Point: Leak Rate, Pressure, Audio</p> <p>Advanced Features High Pressure Test, Fine Test Only, Auto-Zero < 0, Gross Test, Transfer Points (to Test), Stabilization Wait Time</p> <p>Application Setup Sniff Method, Spray Method, High Sensitivity, Auto Sequencer, Split Flow, PPM Sniff Method</p> <p>Main Settings Date and Time, Units, Languages, Touch, and Sound</p> <p>Screen Settings Bar Graph, Range, Analog Output</p> <p>Remote Control Remote Setup with Channel Sync</p> <p>Password and Restrictions Restriction Level, Lock Vent Control, Lock All Control</p> |
| Test Configuration | <p>General Internal Calibrated Leak Setup, Software Update</p> <p>Manual Tuning Emission, Ion, Gain Settings</p> <p>Valve Control Manually Open and Close Valves</p> <p>Pump Inspect Forepump and Exhaust Pump</p> <p>Gauge Calibration Calibrate Thermocouple Gauge to Vacuum or Atmosphere</p> <p>System Defaults Set to Factory Defaults</p> |
| Settings | <p>System Information Software Version, Internal Data</p> <p>Current Setup Set Points and Calibration Type</p> <p>Turn Off Turbo will brake. Do NOT move leak detector while turbo is powering down.</p> |
| Maintenance | <p>System Information Software Version, Internal Data</p> <p>Current Setup Set Points and Calibration Type</p> <p>Turn Off Turbo will brake. Do NOT move leak detector while turbo is powering down.</p> |



Main Controls (Manual Section 1.5)

- **Test** - Measure helium leak rate
- **Hold** - Isolate leak detector from connected vacuum system while keeping both under vacuum
- **Zero** - Nullify current leak rate reading and establish a new baseline
- **Vent** - Bring test port to atmospheric pressure

Home Screen Display (Manual Section 1.5 and 3.11)

Application Setup (Manual Section 5.1.3)

Shutdown (Manual Section 1.3.5)

Tap the Power icon and follow the prompts.



You must consult operations manual, p/n G8610-90001, provided with the leak detector, in order to operate the equipment in a safe manner.