Agilent Helium Leak Detector

New Product Introduction

January 2018





Agilent HLD Product Introduction

A general purpose leak detection instrument available in several configurations to address a broad variety of applications

- Wet or dry pumps from industrial applications to cleanrooms
- 2 to 30m3/hr pumps small parts to large chambers
- New 30m3/hr DS 602 RVP
- Portable, mobile or bench form factors
- Vacuum or sniffing modes

Significantly improved user interface and touchscreen

Six pre-programmed application setups – promotes ease of use for both new and experienced users

2-year warranty





Agilent HLD Specifications

Detectable mass: 4

Pumping speed for helium: 1.8 l/s

Sensitivity: 5x10⁻¹² mbar·l/s

Display range: 10⁻⁴ – 10⁻¹¹

Maximum Test Port Pressure: 13 mbar

Wireless remote

Eight languages

Analog, RS232 and discrete IO interface options



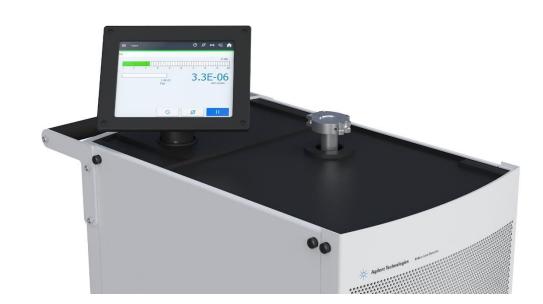


Agilent HLD Configurations

Model Number	Description	Form Factor	Primary Pump	Pumping Speed
G8610A	Helium Leak Detector PR02 Configuration	Portable	RVP, DS40M	2m³/hr
G8610B	Helium Leak Detector PD03 Configuration	Portable	Dry Scroll IDP-3	3m³/hr
G8611A	Helium Leak Detector MR15 Configuration	Mobile	RVP DS 302	15m³/hr
G8611B	Helium Leak Detector MD30 Configuration	Mobile	Dry Scroll TriScroll 620	30m³/hr
G8611C	Helium Leak Detector MD15 Configuration	Mobile	Dry Scroll IDP-15	15m³/hr
G8611D	Helium Leak Detector MR30 Configuration	Mobile	RVP DS 602	30m³/hr
G8612A	Helium Leak Detector BR15 Configuration	Bench	RVP DS 302	15m³/hr
G8612B	Helium Leak Detector BD30 Configuration	Bench	Dry Scroll TriScroll 620	30m³/hr
G8612C	Helium Leak Detector BD15 Configuration	Bench	Dry Scroll IDP-15	15m³/hr
G8612D	Helium Leak Detector BR30 Configuration	Bench	RVP DS 602	30m³/hr

8.4" display

- 3X the size of VS display
- Rotates 180°





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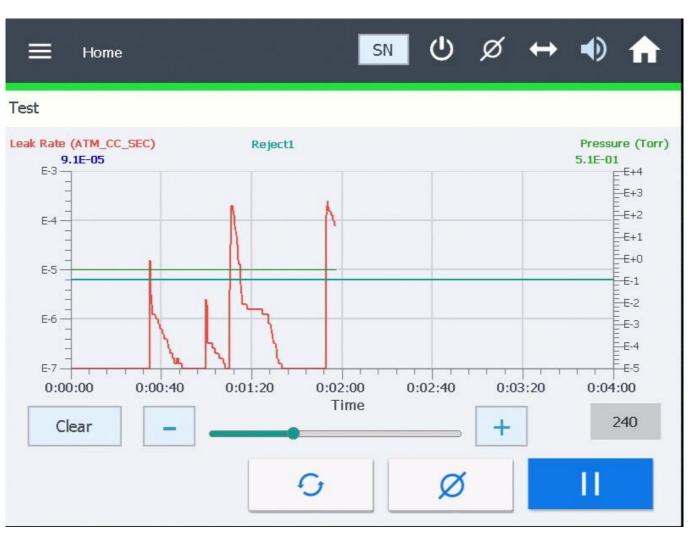
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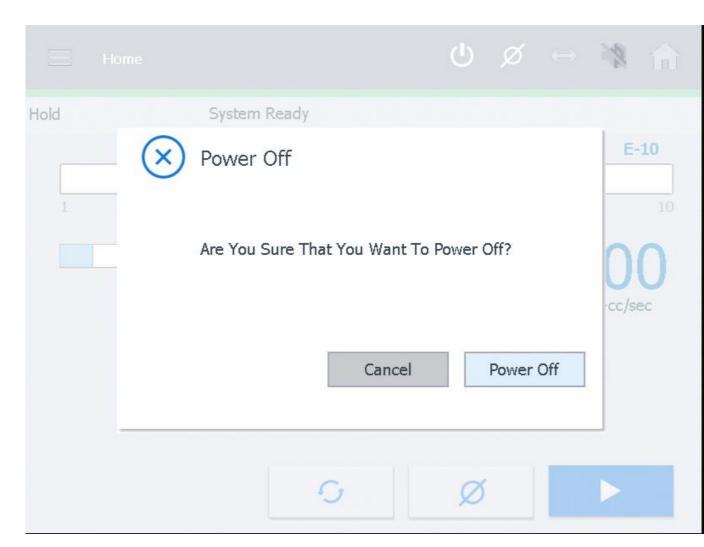
Enhanced charting capabilities

- Zoom for closer inspection of data
- Color-coded set points
- Plots leak rate and pressure
- Double tap to restore





Improved power-off process, keeps spectrometer under vacuum and protects turbomolecular pump





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1st time startup wizard

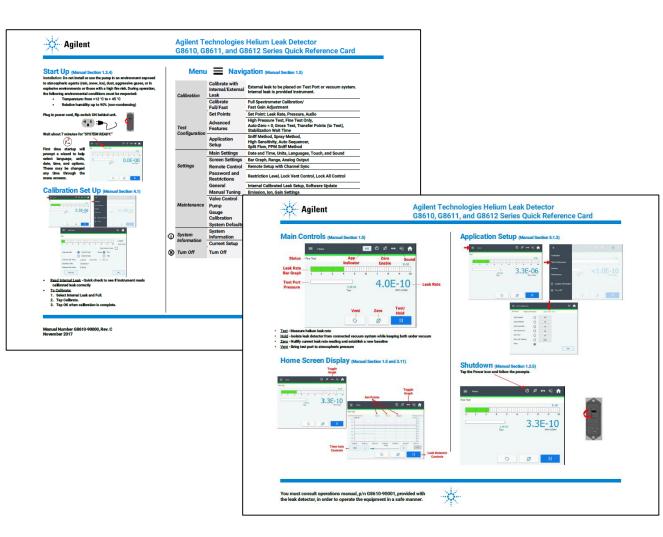
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New Quick Start card





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Nitrogen vent standard

New MR30/BR30 configurations

- DS 602 pump
- Ideal for large volumes



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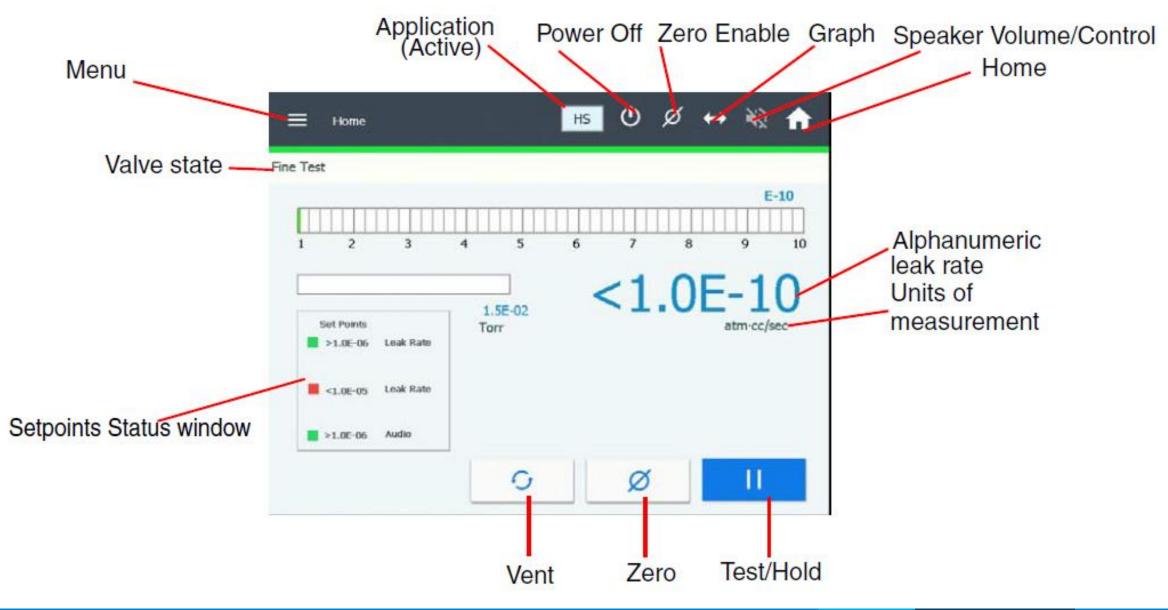
Mist eliminator included on MR15 and MR30



Agilent HLD GUI & Application Setups



HLD UI Features



Vacuum Products Division FY18



HLD UI Features

Larger screen

- Excellent touch response
- Two home screens
- 180° rotation

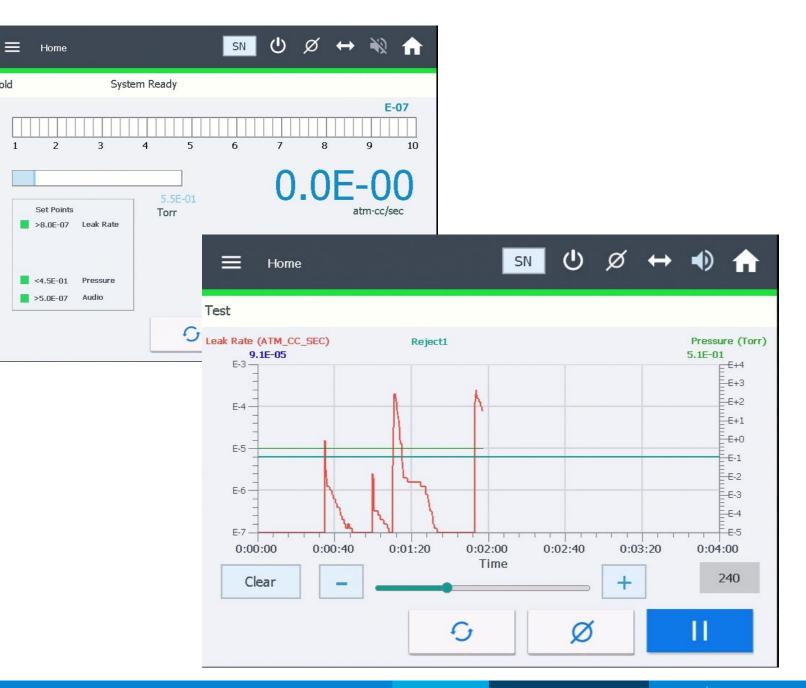
Single CPU architecture

Application setup guides the user Ensures proper testing

Ability to save "recipes"

Covers six key applications:

- Sniffing
- Spray method
- High sensitivity
- Auto sequencer
- PPM testing
- Split flow



Hold



Agilent HLD Application Setups Summary

Users can save up to 3 versions of each application (18 total)

- Saves time and frustration of recalling all parameters
- Recalling an existing recipe takes ~9 taps
- Equivalent setup on VS or competitive unit takes up to 4 times that
- Once turned on, can easily return to the setup screen via the home page

