### 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<sup>-12</sup> mbar·l/s

Display range: 10<sup>-4</sup> – 10<sup>-11</sup>

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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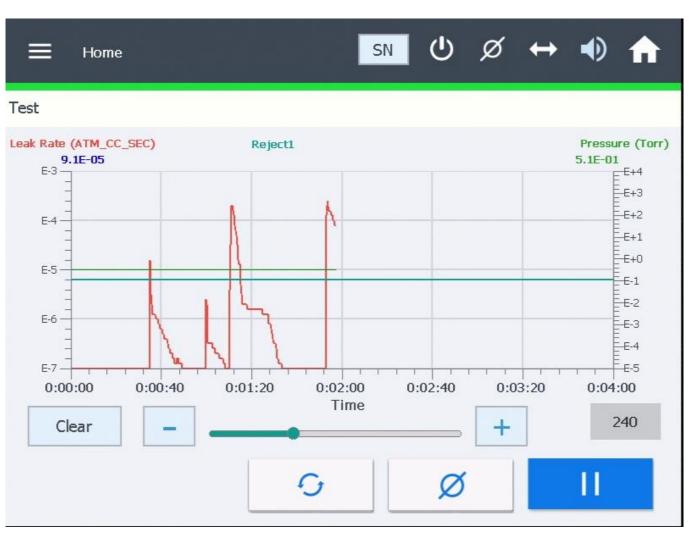
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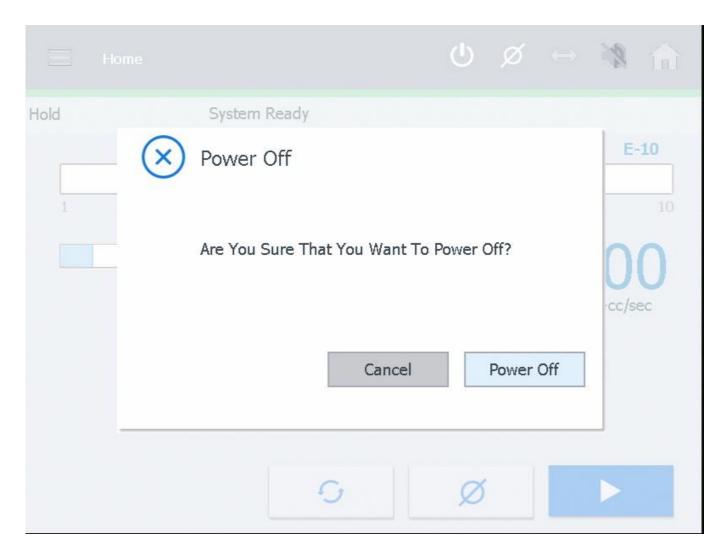
#### Enhanced charting capabilities

- 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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1<sup>st</sup> time startup wizard

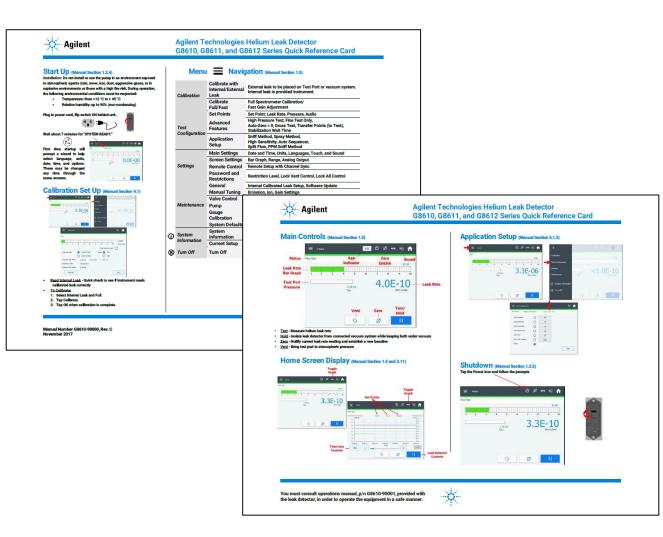
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Nitrogen vent standard

New MR30/BR30 configurations

- DS 602 pump
- Ideal for large volumes



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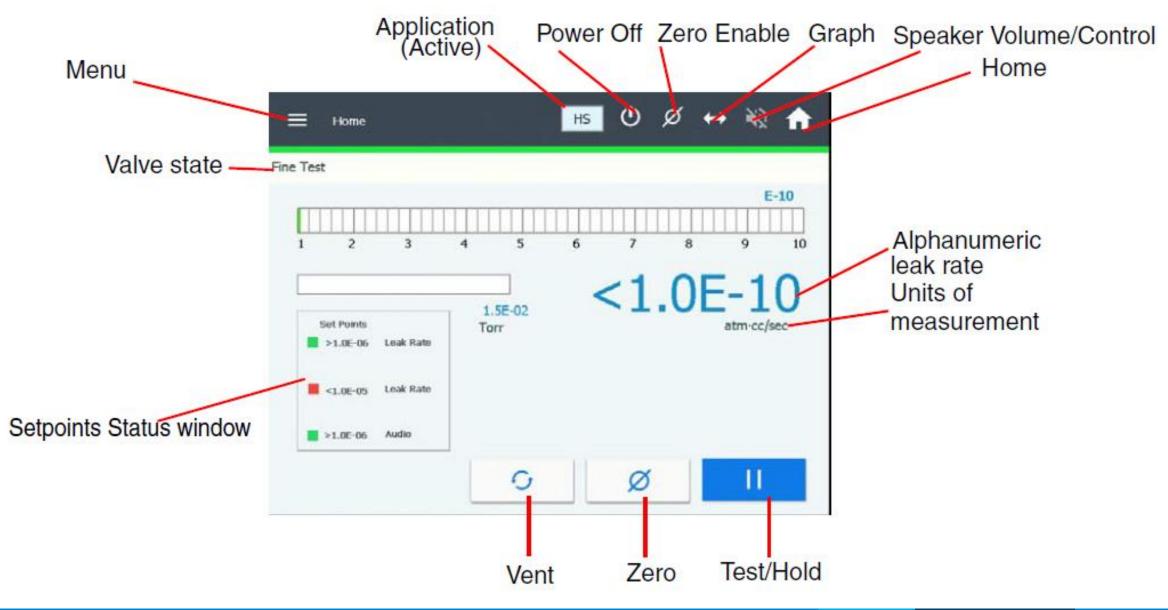
Mist eliminator included on MR15 and MR30



# 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

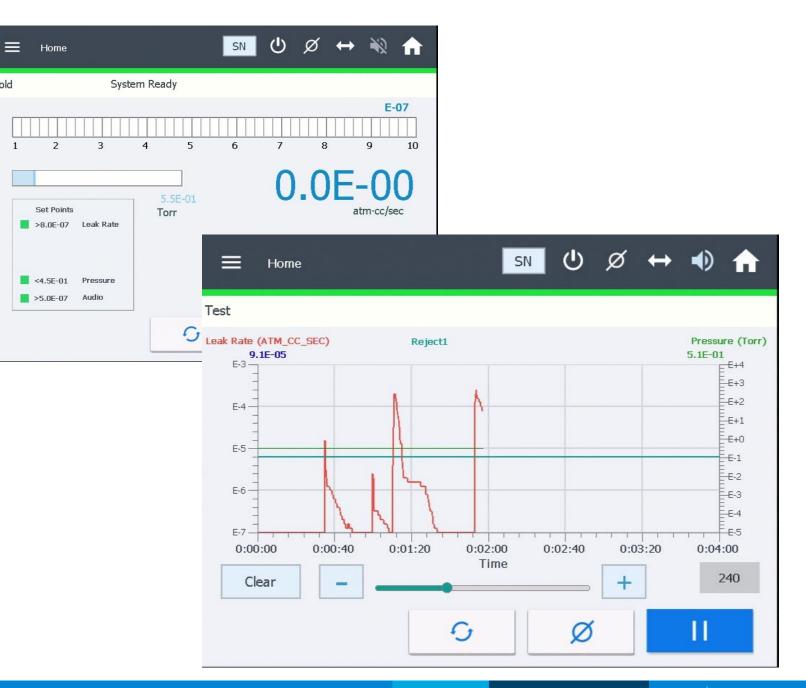
Single CPU architecture

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

