

# Agilent HLD PD03 Portable Dry Helium Leak Detector



## Precise, powerful, and easy to use

The Agilent HLD PD03 portable dry helium leak detector is both a precise instrument and a robust workhorse, featuring an easy-to-use touch screen interface and menu structure that quickly connects users to powerful leak detection capabilities. Built-in application setups shorten test cycles and can be saved to assure repeatability. It fits easily on a table, bench, or cart. The enclosed primary vacuum pump is the Agilent IDP-3 dry scroll pump, with a pumping speed of 3 m<sup>3</sup>/hour.

The HLD PD03 was designed to bring unprecedented ease to the optimization of leak detection performance for any application—no more guessing, wasted time, or costly mistakes.

### Features

- Six different application setup guides help you correctly configure your instrument for the best performance, ensuring that parameters are properly set for a thorough and efficient test.
- Larger, more durable and responsive touch screen interface rotates 180° for ideal viewing.
- Cleaner, more intuitive user interface. Immediate access to frequently used features and a flat menu structure allow you to quickly find the setting you need.
- Startup wizard helps user set up the instrument on first-time power-up.
- Enhanced charting capabilities: Zoom for closer inspection of data, color-coded setpoints, and time-based plot records for leak rate and pressure.
- A large work surface provides plenty of room for parts to be tested, tools, etc.
- Improved power-off process keeps spectrometer under vacuum and protects the turbomolecular pump.
- Dry vacuum pump eliminates the risk of oil contamination of test parts and systems.

## Easy navigation via the large touch screen interface

Test status view

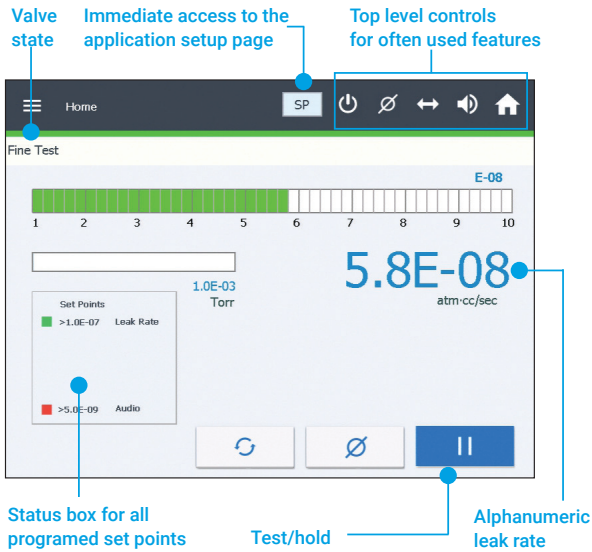
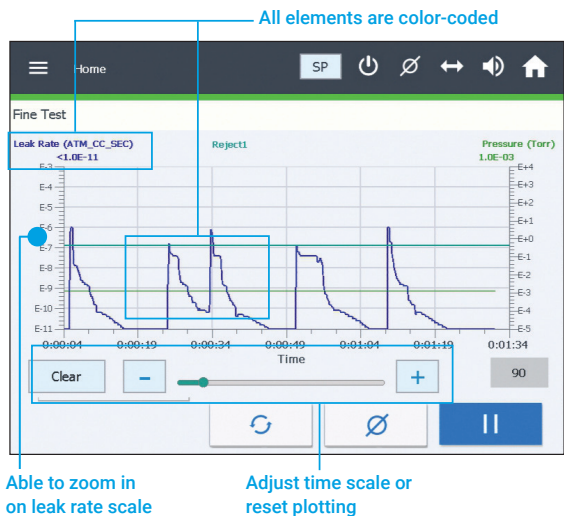


Chart view



Two home screen views offer test or data interpretation to suit your needs.

## Specifications

Primary pump and pumping speed	IDP-3 dry scroll pump, 3 m <sup>3</sup> /hr
Detectable mass	4
Pumping speed for helium	1.8 l/s
Sensitivity	5 × 10 <sup>-12</sup> mbar l/s
Display range	10 <sup>-4</sup> – 10 <sup>-11</sup>
Maximum test port pressure	13 mbar
Accessory	Wireless remote
Eight languages	Chinese, English, French, German, Japanese, Korean, Russian, Spanish
Interface options	Analog, RS232, and discrete IO

## Ordering information

Description	Part No.
Agilent HLD, PD03 configuration	G8610B
<b>Configured Options</b>	
Discrete IO interface	#101
Wireless remote, base unit	#102
1-1/8 inch compression test port	#104
Test fixture cable	#105
Harsh Environment Probe	#106
<b>Accessories</b>	
Wireless remote	G8600-60002
Power Probe sniffer 10 ft.	K9565306
Power Probe sniffer 25 ft.	K9565307
Universal test fixture (flapper box)	VSFLDFBNW25

Agilent has a global network of service professionals and a wide array of support options that will:

- Protect your investment
- Maximize your productivity
- Ensure your instrument is fully compliant with industry regulations

For more information, please contact your Agilent representative or visit [www.agilent.com/en/products/vacuum-technologies/leak-detection](http://www.agilent.com/en/products/vacuum-technologies/leak-detection)

DE.5135648148

This information is subject to change without notice.

© Agilent Technologies, Inc. 2020  
Printed in the USA, May 14, 2020  
5991-9052EN