

Agilent HLD PR02 Portable Helium Leak Detector



Precise, powerful, and easy to use

The Agilent HLD PR02 portable 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 DS 40M rotary vane pump, with a pumping speed of 2 m³/hour.

The HLD PR02 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.

Easy navigation via the large touch screen interface

Test status view

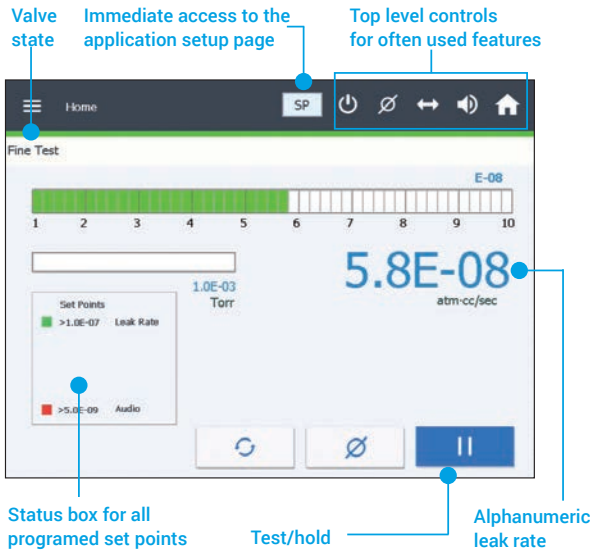
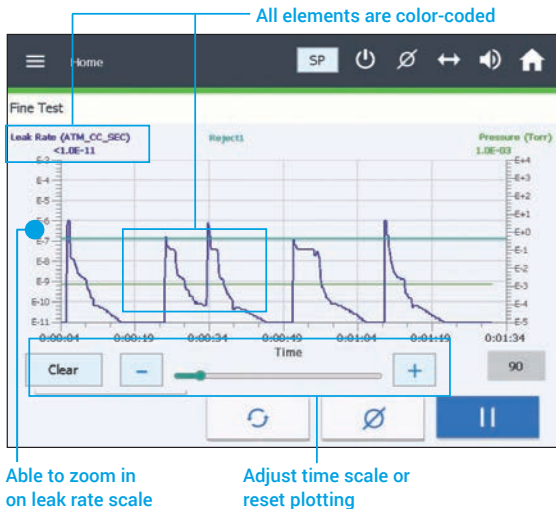


Chart view



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

Specifications

| | |
|--------------------------------|--|
| Primary pump and pumping speed | DS 40M rotary vane pump, 2 m ³ /hour |
| 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 |
| 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, PR02 configuration | G8610A |
| Configured Options | |
| Oil mist eliminator | #100 |
| Discrete IO interface | #101 |
| Wireless remote, base unit | #102 |
| 1-1/8 inch compression test port | #104 |
| Test fixture cable | #105 |
| VS Harsh Environment Probe | #106 |
| Accessories | |
| Wireless remote | G8600-60002 |
| Power Probe sniffer 10 ft. | K9565306 |
| Power Probe sniffer 25 ft. | K9565307 |
| Universal test fixture (flapper box) | L6241306 |

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/chem/HLD-leak-detection

This information is subject to change without notice.