Data Sheet

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Agilent HLD MD30
Mobile Dry Helium Leak Detector



Precise, powerful, and easy to use

The Agilent HLD MD30 mobile 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 is easily rolled to convenient locations on its four wheels. The enclosed primary vacuum pump is the Agilent TriScroll 620 dry scroll pump, with a pumping speed of 30 m^3/hour

The HLD MD30 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.
- Improved maneuverability for easier access to narrow service areas and chases in semiconductor fabs or other production environments.
- 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

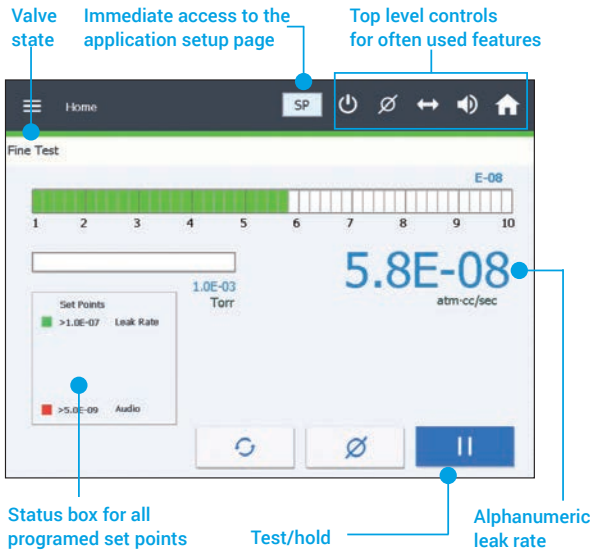
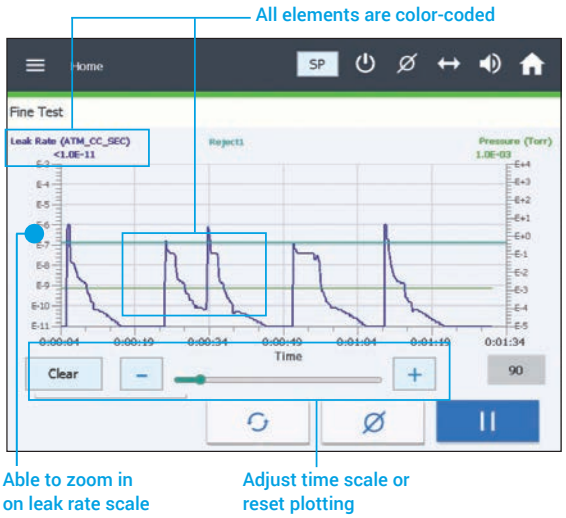


Chart view



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

Specifications

Primary pump and pumping speed	TriScroll 620 dry scroll pump, 30 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, MD30 configuration	G8611B
Configured Options	
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**

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