Precise, powerful, and easy to use

The Agilent HLD BR30 bench 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, and comes with the Agilent DS 602 rotary vane backing pump, with a pumping speed of 30 m³/hour.

The HLD BR30 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
- Valve state
- Immediate access to the application setup page
- Top level controls for often used features

Chart view
- All elements are color-coded
- Able to zoom in on leak rate scale
- Adjust time scale or reset plotting

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

Specifications

<table>
<thead>
<tr>
<th>Description</th>
<th>Part No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Primary pump and pumping speed</td>
<td>DS 602 rotary vane pump, 30 m³/hour</td>
</tr>
<tr>
<td>Detectable mass</td>
<td>4</td>
</tr>
<tr>
<td>Pumping speed for helium</td>
<td>1.8 l/s</td>
</tr>
<tr>
<td>Sensitivity</td>
<td>$5 \times 10^{-12} \text{ mbar l/s}$</td>
</tr>
<tr>
<td>Display range</td>
<td>$10^{-4} \text{ – } 10^{-11}$</td>
</tr>
<tr>
<td>Maximum test port pressure</td>
<td>13 mbar</td>
</tr>
<tr>
<td>Accessory</td>
<td>Wireless remote</td>
</tr>
<tr>
<td>Eight languages</td>
<td>Chinese, English, French, German, Japanese, Korean, Russian, Spanish</td>
</tr>
<tr>
<td>Interface options</td>
<td>Analog, RS232, and discrete I/O</td>
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</tbody>
</table>

Ordering information

<table>
<thead>
<tr>
<th>Description</th>
<th>Part No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Agilent HLD, BR30 configuration</td>
<td>G8612D</td>
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<tr>
<td>Configured Options</td>
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<tr>
<td>Discrete I/O interface</td>
<td>#101</td>
</tr>
<tr>
<td>Wireless remote, base unit</td>
<td>#102</td>
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<tr>
<td>1-1/8 inch compression test port</td>
<td>#104</td>
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<tr>
<td>Test fixture cable</td>
<td>#105</td>
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<tr>
<td>Harsh Environment Probe</td>
<td>#106</td>
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<tr>
<td>Accessories</td>
<td></td>
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<tr>
<td>Wireless remote</td>
<td>G8600-60002</td>
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<tr>
<td>Power Probe sniffer 10 ft.</td>
<td>K9565306</td>
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<tr>
<td>Power Probe sniffer 25 ft.</td>
<td>K9565307</td>
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<tr>
<td>Universal test fixture (flapper box)</td>
<td>VSFLDFBWN25</td>
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</table>

The HLD BR30 comes with the Agilent DS 602 rotary vane backing pump and associated connecting hardware.

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