



# Agilent HLD MR15, MR30

## Technical Specifications

### MR15

Primary pump and pumping speed	DS 302 rotary vane pump, 15 m <sup>3</sup> /hour
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
Accessory	Wireless remote
Eight languages	Chinese, English, French, German, Japanese, Korean, Russian, Spanish
Interface options	Analog, RS232, and discrete IO

### MR30

Primary pump and pumping speed	DS 602 rotary vane pump, 30 m <sup>3</sup> /hour
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
Accessory	Wireless remote
Eight languages	Chinese, English, French, German, Japanese, Korean, Russian, Spanish
Interface options	Analog, RS232, and discrete IO

#### Rotary vane pumped leak detectors

Configuration	Model	Order #	Pump type and nominal speed	Common applications	Choose this configuration when:
Portable	PR02	G8610A	Rotary vane 2 m <sup>3</sup> /hr	<ul style="list-style-type: none"> <li>Product R&amp;D</li> <li>Small systems</li> </ul>	You need a compact all-in-one solution and/or have supplemental pumping systems
	Bench	BR15			
		BR30	G8612D	<ul style="list-style-type: none"> <li>Refrigeration systems and components</li> <li>Automotive parts</li> </ul>	You require a fast pumping work station for testing sealed components
Mobile	MR15	G8611A	Rotary vane 15 or 30 m <sup>3</sup> /hr	<ul style="list-style-type: none"> <li>Vacuum furnaces</li> <li>Industrial coaters</li> <li>Pressure vessels</li> <li>Power plants</li> </ul>	You have large systems to test, need the performance of additional pumping, or need a shared instrument to be mobile
		MR30			

#### Dry pumped leak detectors

Configuration	Model	Order #	Pump type and nominal speed	Common applications	Choose this configuration when:
Portable	PD03	G8610B	Dry scroll + Diaphragm 3 m <sup>3</sup> /hr	<ul style="list-style-type: none"> <li>University and scientific research</li> <li>Small systems</li> </ul>	You need a clean, dry, compact all-in-one solution and/or have supplemental pumping systems
	Bench	BD15			
		BD30	G8612B	<ul style="list-style-type: none"> <li>Medical devices</li> <li>Electronic components</li> </ul>	You require a dry, fast pumping work station for testing sealed components
Mobile	MD15	G8611C	Dry scroll + Diaphragm 15 or 30 m <sup>3</sup> /hr	<ul style="list-style-type: none"> <li>Large scientific research chambers</li> <li>Bioprocess systems</li> <li>Semiconductor fabs</li> </ul>	You have large systems to test, need the performance of additional pumping, or need a shared instrument to be mobile
		MD30			



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# Agilent HLD MR15, MR30

## Features & Benefits

- totally contamination-free leak detection
- unprecedented ease of optimization
- extremely quiet, high performance
- 8 language options on intuitive touch screen
- 6 different application setup guides
- low cost of ownership
- rapid, sensitive & reliable
- wireless, handheld remote
- large work surface
- a refined power-off process
- standard nitrogen vent



## Applications

- large vacuum systems • scientific research & development • power plants • sealed part testing • helium sniffing