



Agilent HLD MD15, MD30

Technical Specifications

MD15

Primary pump and pumping speed	IDP-15 dry scroll pump, 15 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

MD30

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

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 ³ /hr	<ul style="list-style-type: none"> Product R&D Small systems 	You need a compact all-in-one solution and/or have supplemental pumping systems
	Bench	BR15			
		BR30	G8612D	<ul style="list-style-type: none"> Refrigeration systems and components Automotive parts 	You require a fast pumping work station for testing sealed components
Mobile	MR15	G8611A	Rotary vane 15 or 30 m ³ /hr	<ul style="list-style-type: none"> Vacuum furnaces Industrial coaters Pressure vessels Power plants 	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 ³ /hr	<ul style="list-style-type: none"> University and scientific research Small systems 	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"> Medical devices Electronic components 	You require a dry, fast pumping work station for testing sealed components
Mobile	MD15	G8611C	Dry scroll + Diaphragm 15 or 30 m ³ /hr	<ul style="list-style-type: none"> Large scientific research chambers Bioprocess systems Semiconductor fabs 	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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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