

212 LOW-FLOW VAPOR MONITORING SYSTEM



OUR BEYOND RADON SERVICES:

- ▶ **Simplifies** the sample collection, laboratory analysis, and reporting of vapor intrusion results
- ▶ **Standardizes** the process for collecting indoor air and sub-slab vapor samples for analysis of select volatile organic compounds
- ▶ **Establishes** stepwise procedures for ensuring representative samples for laboratory analysis
- ▶ **Allows** control of sub-slab sample rate to ensure that undue stress, mobilization of vapors, or deadhead conditions do not occur during purging or sample collection
- ▶ **Provides accurate, representative, and defensible data** to give property owners the information they need to evaluate indoor air quality

The 212 Low-Flow VMS was developed by our experts over decades of collecting thousands of indoor air and soil vapor samples. Our system is compact and portable, allowing for convenient transport and use, even in hard-to-reach locations such as basements and crawlspaces. Our Beyond Radon Services include videos and written procedures developed to ensure that *any* inspector can collect indoor air and sub-slab samples for laboratory analysis. Using the 212 Low-Flow VMS in conjunction with these procedures eliminates uncertainty in collecting samples, limiting the potential for leakage and improving the representativeness of the collected sample. 212 Environmental has partnered with some of the top laboratories to provide accurate analysis of common volatile organic compounds causing health risks for homeowners around the world. Our Services include everything that an inspector would need to collect and report vapor intrusion findings to their customers.



WHAT INSPECTORS ARE SAYING:

"The training videos provided all the information I needed to collect sub-slab and indoor air samples"

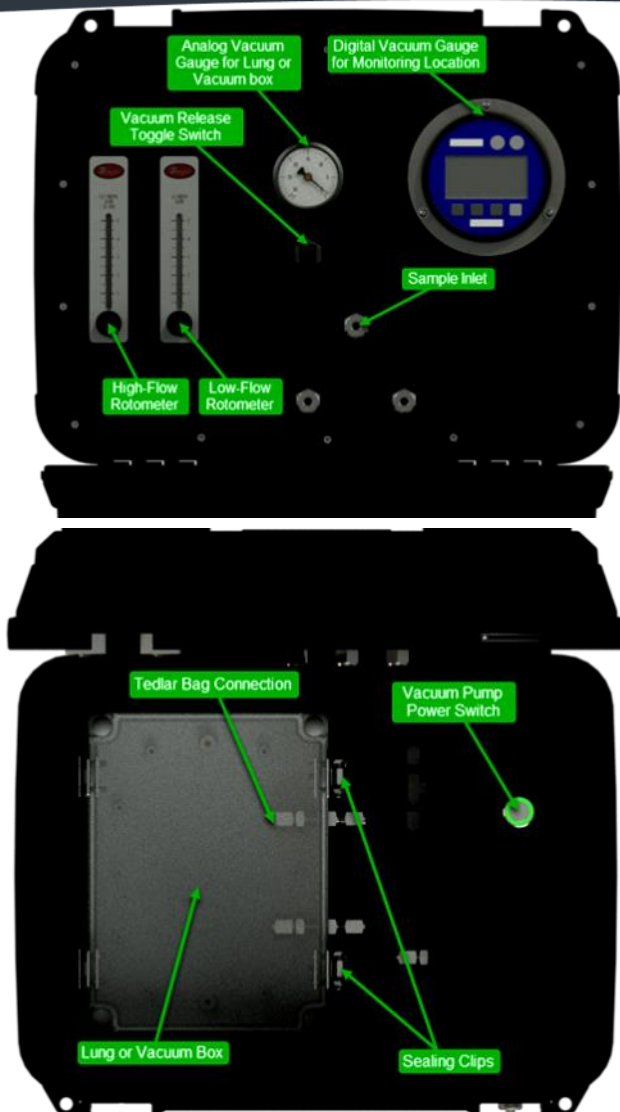
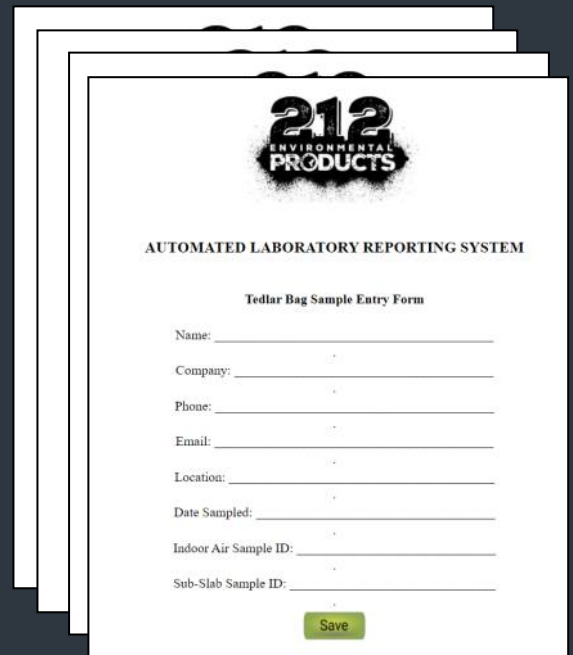
– Cameron J.

"Everything I needed in one place and the findings were easy to incorporate into my inspection report "

– Leslie K.

"Being able to offer indoor air quality sampling has allowed me to expand my service offerings and increase my revenue"

– Tom H.



SPECIFICATIONS

Unit dimensions:	14.9 x 12.1 x 9.6 in (38 x 31 x 24 cm)
Unit rating:	MIL-STD-810F, IEC 60529: IP67, MIL-STD-3010C, ATA-300
Unit weight:	23 lbs (10.4 kg)
Operating temperature:	32°F - 104°F (0°C - 40°C)
Unit power:	Rechargeable 12V 5A battery
Charger cable rating:	IP67, NEMA 6P
Digital gauge power:	2 AA alkaline batteries
Digital gauge accuracy:	0.25% Full Scale, terminal point
Digital gauge range:	-14.7 to 0 psi
Flowmeter accuracy:	±4%
Flowmeter range:	0 to 5 L/min
Electrical enclosure approval:	UL
Electrical enclosure NEMA rating:	4, 4X, 6, 6P, 12, 13
Electrical enclosure IP rating:	IP67, IP68
Electrical enclosure protection:	EMI / RFI