

# Low Range Sampling System-2 (LRSS-2) Portable Two-Point Sampling System

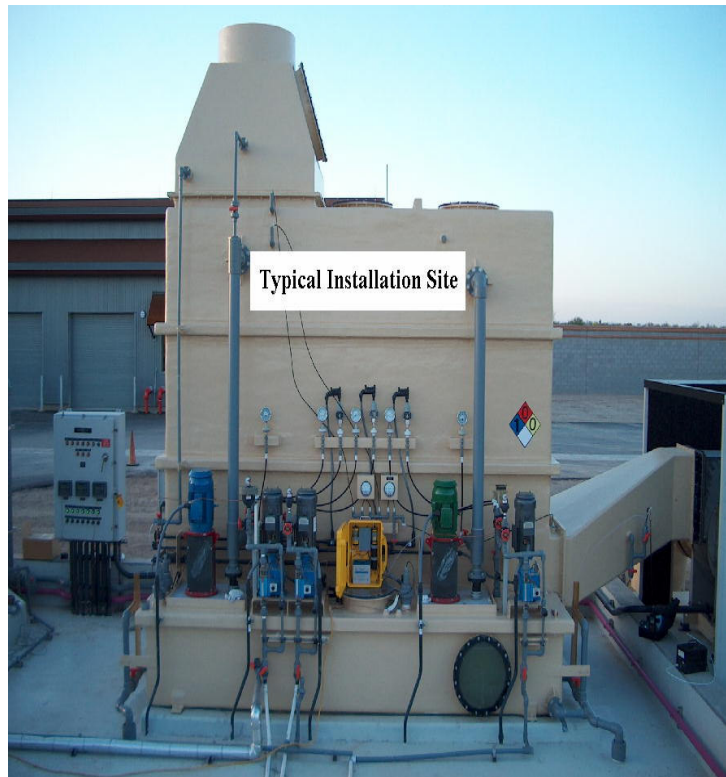


The Low Range Sampling System-2 (LRSS-2) is designed to facilitate data collection from odor control systems. The system works with one ppm and one low range OdaLog, two ppm OdaLogs, or two low range OdaLogs, as determined by the expected H<sub>2</sub>S gas concentration levels. It also includes a heater to heat the sample to assist in removing condensable moisture from the sample line prior to reaching the OdaLogs. Two external moisture removal traps further protect the OdaLogs from over-exposure to moisture. Two pumps can draw a sample from negative pressure situations, and deliver the sample at the proper flow rate in positive pressure situations to the OdaLogs. The LRSS-2 operates on AC power.

*LRSS-2 Sampling System*

Performance testing for

- Chemical scrubbers
- Biofilters
- Biotricklers



Contact an applications specialist for information regarding purchase or rental of the system, or to discuss your specific sampling requirements.

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## **Low Range Sampling System-2 (LRSS-2) Portable Two-Point Sampling System Specifications**

The Low Range Sampling System is designed to facilitate data collection from odor control systems in positive or negative pressure situations. The system works with one ppm and one low range OdaLog, two ppm OdaLogs, or two low range OdaLogs, as determined by the expected H<sub>2</sub>S gas concentration levels.

External dimensions:	20" H X 18.5" W X 7.5" D
Weight:	13.4 pounds
Number of sample points:	2
Pump	12 Volt 2 headed pump
Main Sample Flow Rate:	1.5 – 2 liters per minute
Conditioned Flow Rate to OdaLogs	0.3 liters per minute; +/- 0.1 lpm
Operating Temperature Range	0 – 40 degree C
Humidity:	With door closed, unit unaffected; not to be immersed in water
Environmental Protection and Security	Case made of durable weather resistant polymer. Positive door seal using elastomeric foam surround. Stainless steel fasteners used externally, case has provision for door padlock.
Power Requirements	110 – 130 VAC, 20 W connection via standard outdoor grounded cord.

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