

# Low Range Sampling System-2 (LRSS-2)

## Portable Two-Point Sampling System



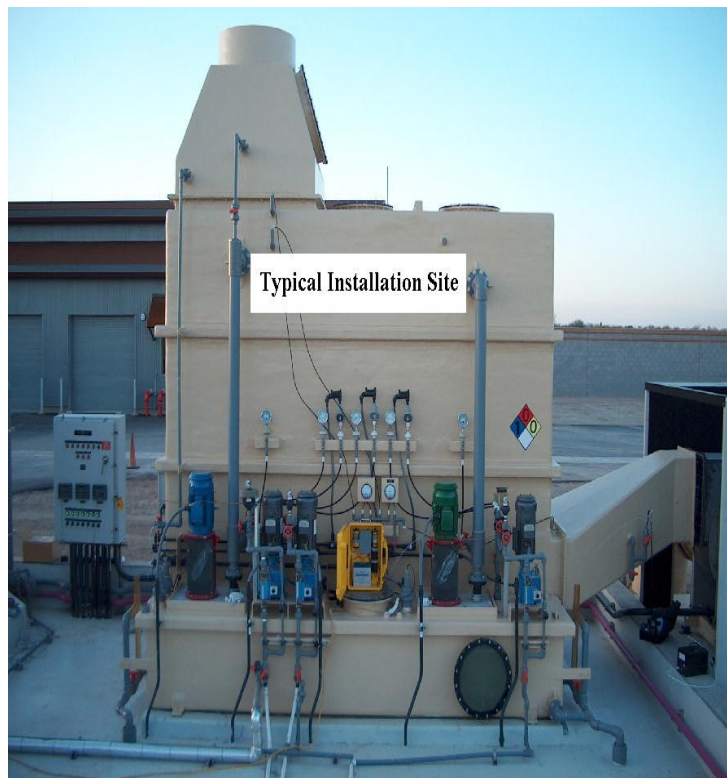
The Low Range Sampling System-2 (LRSS-2) is designed to facilitate data collection from odor control systems. The system works with one ppm and one low level instruments, two ppm loggers, or two low level instruments, as determined by the expected H<sub>2</sub>S gas concentration levels. A dual headed pump draws a sample from negative pressure situations, and flow restrictors deliver the sample at the proper flow rate in positive pressure situations to the instruments. Two external moisture removal traps further protect the units from over-exposure to moisture. A small heater heats the sample to assist in removing condensable moisture from the sample line prior to reaching the loggers. The LRSS-2 operates on AC power.

*LRSS-2 Sampling System*

***Instruments and sample line kit not included.***

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 (LRSS-2) 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 level H<sub>2</sub>S loggers, two ppm instruments, or two low level units, 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.

***Instruments and sample line kit not included.***

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