

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

## Portable Two-Point Sampling System

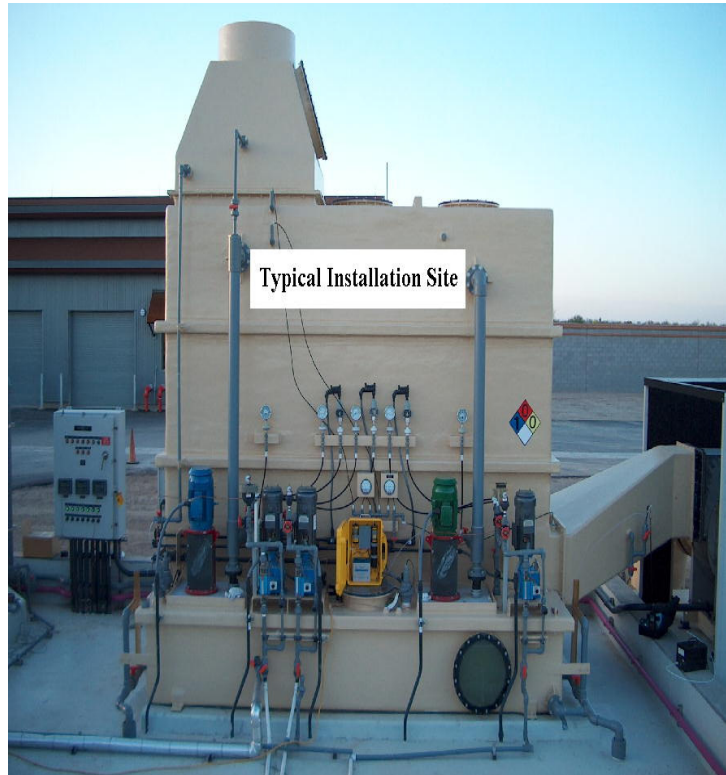


The Low Range Sampling System-2 (LRSS-2) is designed to facilitate data collection from odor control systems. The system works with one ppm and one low range OdaLog, two ppm OdaLogs, or two low range OdaLogs, as determined by the expected H<sub>2</sub>S gas concentration levels. A dual headed pump draws a sample from negative pressure situations, and flow restrictors deliver the sample at the proper flow rate in positive pressure situations to the OdaLogs. Two external moisture removal traps further protect the OdaLogs 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 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.

**Detection Instruments**  
18441 N. 25th Ave., Suite 101, Phoenix, AZ 85023  
(602) 797-0630, Fax (602) 797-0631  
[www.detectioninstruments.com](http://www.detectioninstruments.com)

## **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.  |

**Detection Instruments Corporation  
18441 N. 25th Ave., Suite 101, Phoenix, AZ 85023  
(602) 797-0630, Fax (602) 797-0631**