

TriGas Monitoring System



The TriGas Monitoring System consists of up to three sensors with Ultima® X3® Technology digital communications with on-board LEDs and relays to provide local alarms.



System Contents

- Ultima® X3 with Modbus RTU output and common relays
- Ultima X sensors for O₂, H₂S and IR LEL combustible gas
- Ultima X sample pump
- Red strobe
- 95db Buzzer
- 100 watt Power Supply
- Designed for high-moisture environments
- NEMA 4X Fiberglass Enclosure
- Hydrophobic End-of-Line Filter
- Inlet/Outlet Flashback Arrestors

Applications

Wastewater Treatment Plants and Wet Wells (Pumping Stations)

Areas of wastewater treatment plants that are subject to flooding (such as wet wells) are ideal for the TriGas Monitoring System. This system monitors for oxygen, hydrogen sulfide and combustible gases (methane or petroleum vapors). In addition, the system is specifically designed for optimum performance within high-moisture environments.

Transportable Confined Space Monitor

The TriGas Monitoring System can also be used where workers will enter and work within confined spaces for extended time periods.

With additional mounting feet and handle, the unit can be placed near the confined space entrance, alerting workers as to the confined space's atmospheric conditions.

*Because every life has a **purpose...***

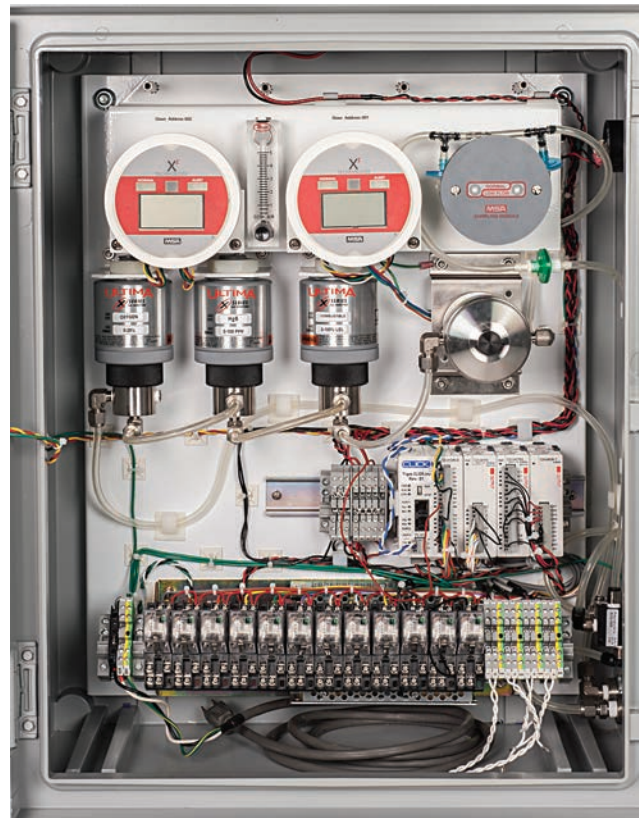
Optional Features/Accessories

- Designs available to meet NFPA 820 standards
- Dual-zone sample inlets
- 4-20mA output
- Discrete relays (high and low alarm)
- Remote relay box
- Remote HMI
- NEMA 4X stainless steel enclosure
- Heater for outdoor conditions
- 95 dB horn
- Amber strobe

Specifications

OPERATING TEMPERATURE RANGE	-4° F to 104° F (-20° C to 40° C)
POWER SUPPLY	120 VAC, 60 Hz, 2-16 amps or 24 VDC (optional)
RELAY CONTACTS	5 amps @ 120 VAC or 30 VDC Common warning, alarm, horn, fault, flow failure, PLC controlled
DIMENSIONS	20" W x 24" H x 10" D (508 x 610 x 254 mm)

Note: This is a representative description of this product and its possible applications. Contact your local MSA representative for information concerning customizing this unit to fit your specific need.



Example of non-classified product

Designed to Meet:

- NFPA 820 Fire Protection in Waste Water Treatment Plants (when required in specification)*
- OSHA 29 CFR Part 1910.148 Confined Space
- ANSI 2117.1-1989 Safety Requirements

*Reference: NFPA 1.8 and NFPA 70 - ARTICLE 500/8/B/4

Note: This Bulletin contains only a general description of the products shown. While uses and performance capabilities are described, under no circumstances shall the products be used by untrained or unqualified individuals and not until the product instructions including any warnings or cautions provided have been thoroughly read and understood. Only they contain the complete and detailed information concerning proper use and care of these products. Specifications subject to change without notice.



MSA – The Safety Company
1000 Cranberry Woods Drive
Cranberry Township, PA 16066 USA
Phone 724-776-8600
www.MSAsafety.com

U.S. Customer Service Center
Phone 1-800-MSA-2222
Fax 1-800-967-0398

MSA Canada
Phone 1-800-672-2222
Fax 1-800-967-0398

MSA Mexico
Phone 01 800 672 7222

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