

MSA Fixed Gas & Flame Detection for Wastewater Wet Well Monitoring



MSA's Tri-Gas System's sample draw consists of up to three sensors with Ultima® X3® Technology's digital communications with on-board LEDs to provide local alarms.



System Contents

- One MSA Ultima X3 Technology Gas Monitor
- Interchangeable *smart* sensors
- DC-powered sample-draw pump for pulling sample from up to 100 feet
- Common warning and alarm piezo buzzer
- Hydrophobic end-of-line filter to help ensure that water ingress does not affect product performance
- Flame arrestors (for models ordered with combustible gas sensor)

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 MSA's Tri-Gas Sample Draw System. This system is ideal for monitoring 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

MSA's Tri-Gas Sample Draw System can also be used within industrial applications 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 accessories

- 1 or 2 top-mounted beacons
- Mounting feet and handle
- Combustible IR sensor
- Federal side-mounted horn
- Heated enclosure
- NEMA 4X stainless steel enclosure
- Common dry contacts

Specifications

OPERATING TEMPERATURE RANGE	-4°F to 122°F (-20°C to 50°C)
POWER SUPPLY	120 VAC, 60 Hz, 2-16 amps or 24 VDC (optional)
SIGNAL OUTPUT	Modbus RTU digital
RELAY CONTACTS	5 amps @ 120 VAC or 30 VDC resistive load Common warning, alarm, horn, fault, flow failure
ENCLOSURE	General purpose
HAZARDOUS AREA RATING	NEMA 4X design fiberglass
DIMENSIONS	16.3" W x 21.1" H x 8.9" D (414 x 536 x 226 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.

Designed to Meet:

- NFPA 820 Fire Protection in Waste Water Treatment Plants
- OSHA 29 CFR Part 1910.148 Confined Space
- ANSI 2117.1-1989 Safety Requirements

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.



ID 07-2034-MC / September 2013
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