



MSA Tri-Gas Detection System for Wastewater Wet Well Monitoring

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 Detection System. The 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 in high-moisture environments.

Transportable Confined Space Monitor

MSA's Tri-Gas Detection System can also be used in industrial applications where workers will be entering confined spaces for extended periods of time.

With additional mounting feet and a handle, the unit can be placed near the entrance of the confined space, alerting workers to atmospheric conditions within the confined space.

Product Description

MSA's tri-gas sample draw system consists of up to three sensors with Ultima® X³™ Technology digital communications, with onboard LEDs and relays to provide local alarms.

System Contents:

- One MSA Ultima X Series Gas Monitor with X³ Technology
- 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 ensure that water ingress does not affect product performance
- Flame arrestors (for models ordered with a combustible gas sensor)

Options:

- One or two top-mounted beacons
- Mounting feet and handle
- Combustible IR sensor
- Federal side-mounted horn
- Heated enclosure
- NEMA 4X stainless steel enclosure
- Additional common dry contacts

Refer to DSK 3054-135 installation outline drawing for details.

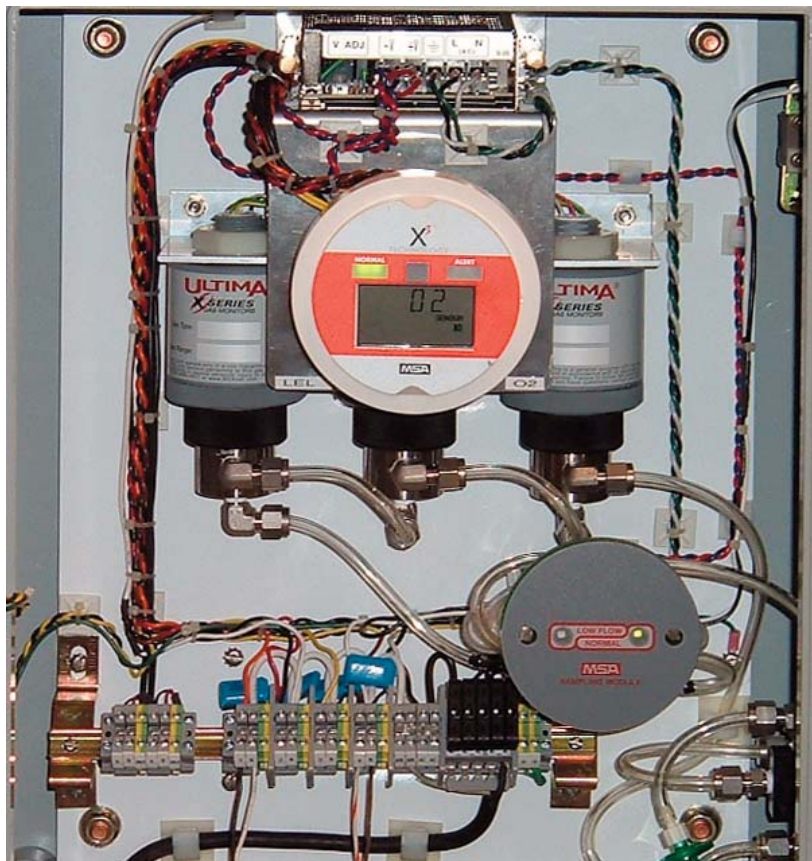
Note: This is a representative description of this product and its possible applications. Contact MSA Custom Products at customproducts@MSAnet.com for information on customizing this unit to fit a specific need.

Specifications

Operating Temperature Range:	-4°F (-20°C) to +122°F (+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

Meets:

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.



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