Wastewater Gas Detection Solutions

We Have What You Need

Teledyne Gas and Flame Detection makes a variety of products to fit your wastewater gas detection needs. From Environmentally Bulletproof gas detectors to control and alarm systems, we have you covered.

Cost Effective Solutions

Reliable solutions that save you money. You want protection that doesn't break your budget and we offer you several ways to get there. Affordable toxic detectors in corrosion resistant polycarbonate housings with stainless steel fittings for your corrosive gas detection. Multi-head designs in our iTrans2 and Meridian that allow dual and triple head detection for reduced wiring costs. How about three Rock Solid sensors in your chlorine storage room with the Meridian transmitter outside for early warning? With relays, 4-20mA, Modbus, & optional HART communication the Meridian can take the place of three transmitters and a controller. Methane, hydrogen sulfide, and oxygen detection can be simpler with the Meridian and iTrans2 as well. Need more than that? How about multiple detectors running on one Modbus wiring loop back to a low cost control system that sends data back to your SCADA? We've got multiple ways to make your detection system reliable and affordable.

iTrans 2

iTrans 2 is equipped with intelligent electronics to provide one or two points of detection from a single head for maximum flexibility, superior performance and lower installation costs, for local and remote detection. With the optional HART Communication Protocol, the iTrans 2 offers remote diagnostics, set-up and calibration. The iTrans 2 is a popular and cost effective solution in many wastewater applications.

Model 700

Model 700 fixed gas detectors feature a proven and robust design that includes an electro-polished 316 stainless steel housing, multi-layered transient spike protection circuitry and 100% encapsulated electronics. The sensor electronics are completely protected and immune to water ingress and corrosion. Sensor elements are plug-in components and can easily be replaced in the field. This Environmentally Bullet-Proof detector is designed for your harshest wastewater environments.

Meridian

Meridian offers a single detector head that supports hot-swappable combustible and toxic sensors resulting in a true plug and play functionality. It can also have up to 3 heads allowing the detection of multiple gases. Its modular design reduces maintenance time and costs and allows easy integration into existing infrastructures. Meridian's Rock Solid sensor technology also gives industry leading performance for difficult gases such as chlorine and sulfur dioxide for your effluent treatment applications.
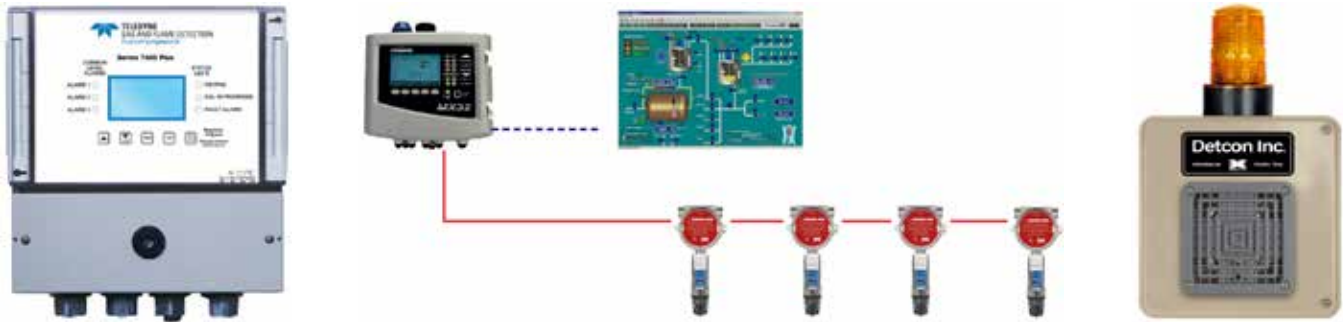
GD10P

The GD10P detects methane and carbon dioxide in harsh applications. The ability to detect higher concentrations makes it ideal for use with digester gases. Advanced design includes two solid-state IR sources that require no calibration or parts replacement during the products lifetime (15 year warranty on IR source). The GD10P is easy to clean and service meaning that even if sludge does get into the sensing element you can hose it down and keep going without needing to take the time and cost to replace a sensor element.

Control and Alarm Systems

Sometimes you need something between your gas detector and your SCADA system. Be it a stand-alone solution, or a local control center with alarm functions, we have a solution for you. NEMA4X to explosion proof products for where you need them. And we have several options for alarm systems to make sure your workers know when a situation occurs.

Portables

Need a dependable confined space monitor? Yes, we have that too. With our PS200 and PS500 with their simple to use Automatic Bump & Calibration (ABC) stations we can cover your portable gas detection needs.

Multiple Solutions For Your Specific Needs

There isn't always one best solution for everything. That is why you have so many options with Teledyne Gas and Flame Detection. From fixed gas detection, control systems, alarm stations, and portable gas detection we have products to fit your needs.

Call today to talk to one of our experts.

ProDetec
Measure . Prevent . Protect . Control

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