

The best hazardous gas monitoring systems improve safety and performance.

If you have hazardous gas or vapors present, you need monitoring to be safe. But the best gas monitoring systems improve productivity as well as safety. How? By preventing personnel injury and property damage. And increasing process throughput. Reducing down-time. Eliminating false alarms and work disruptions.

Choosing the best system isn't always easy. To do the job right you'll want an expert on your side.

Control Instruments has been engineering solutions for more than thirty years. We focus on designing instruments that are the most accurate, reliable and cost-effective possible.

Since 1969, we've built the most experienced team of application engineers in the business, and have solved hundreds of different monitoring problems in thousands of plants worldwide.

You will find our products in use under the most demanding conditions, from oil pipelines in the arctic to drilling wells in the desert.

Our highly successful process monitors are the industry standard for LEL and total hydrocarbon monitoring, from printing, coating and flexible packaging processes to semiconductor, pharmaceutical and chemical manufacturing.

Technology is always changing. We stay on top of developments in sensor and monitor design so that we always offer you the most appropriate sensor for your application. And our systems continually incorporate advances in digital communication, remote access, and data storage.

Want to solve your problem the easy way? Let us solve it for you. Call, fax or e-mail us today. Ask questions.

We're here to help.



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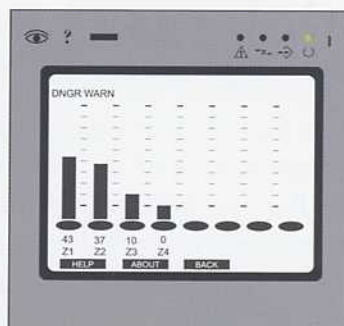
The Application Experts in Gas and Vapor Monitoring Since 1969.



PrevEx™ Flammability analyzer



SmartMaxII Standalone controller



Remote operator interface

Control Instruments Corporation's family of products includes continuous process analyzers, flammable gas, toxic gas and oxygen monitors, and remote access and control devices for all of your gas and vapor monitoring needs.

Process Analyzers

Control Instruments' family of rugged, industrial-strength analyzers are recognized worldwide as the most reliable and accurate systems for measuring flammable gases and vapors. All feature our proprietary flame temperature sensor—the world's most accurate LFL sensor—reads mixtures of multiple solvents, even in low oxygen, elevated temperatures and inert atmospheres.

Area Monitors

When measuring flammable gases, oxygen or toxic gases, indoors and out, the SmartMaxII system offers you unsurpassed reliability in the most cost-effective package. It is the only full-featured controller that installs anywhere in the field and handles the readings from as many as four independent sensors. The SmartMaxII is fully equipped with all the alarm, display, and output features you need, including on-board relays, 4-20mA output, and RS-485 serial port.

Emission Monitors

Control Instruments' Flame Ionization (FID) analyzers are true workhorse industrial designs perfectly suited to monitoring hydrocarbon destruction systems, solvent recovery breakthrough, waste incinerators, and other VOC applications. These fully-integrated systems solve all of the sampling, measuring and reporting problems found in industrial applications.

Remote Access and Control

Control Instruments' powerful Operator Interface devices allow you to view, access and control multiple remote sensors from a convenient central location. Information is presented in easy-to-read formats on a backlit liquid crystal display. Models include either text display with programmable function keys or touch-sensitive graphic displays.

Applications include:

- Adhesive Tapes
- Aerosol Filling
- Air Quality
- Auto Industry
- Batch Ovens
- Battery Rooms
- Carbon Beds
- Chemical Plants
- Coil Coating
- Confined Space
- Construction Sites
- Decorated Paper
- Emission Control
- Engine Testing
- Fertilizer Plants
- Flexible Packaging
- Food Processing
- Fumigation
- Garages
- Gas Drilling
- Grain Storage
- Greenhouses
- Incinerators
- Laminating
- Loading Docks
- Magnetic Tapes
- Manufacturing
- Metal Coating
- Nuclear Industry
- Oil Rigs
- Paint Spray Booths
- Paper Coating
- Paper Mills
- Pharmaceuticals
- Pipelines
- Printing
- Pulp Mills
- Refineries
- Refrigeration
- Semiconductors
- Sewage Treatment
- Solvent Recovery
- Storage Rooms
- Tunnels
- Wallpaper
- Wastewater
- And many others