DMS
DETECTION & MEASUREMENT SYSTEMS

SPECIALISTS IN SPECIAL HAZARDS INSTRUMENTATION

713-541-9800 / 877-259-6238   www.detect-measure.com

WHO WE ARE

Detection & Measurement Systems has the knowledge and experience to provide the right instrumentation, analyzer, and notification products for your application. With a specialization in hazardous area products, we'll help you get it right the first time with exceptional products from well-known manufacturers. We take great pride in the product solutions we offer, as well as being a strong technical resource for our customers, both during and after the sale — even if that sale was years before.

SERVICES & PRODUCTS

Our expertise is vast in the special hazards instrumentation space. We offer fixed fire and gas detection systems; alarm notification and CCTV cameras; portable gas detection systems; leak detection instrumentation; water quality detection instruments; and air sampling equipment.

Additionally, DMS offers installation and commissioning services. Let us handle the turnkey demolition, site preparation, and new product installation. When you work with DMS, you're making the smartest, safest choice for your clients, customers, and employees.

DMS

DETECTION & MEASUREMENT SYSTEMS

FIXED FIRE & GAS DETECTION SYSTEMS

HONEYWELL FIXED GAS DETECTION
Combustible & Toxic Gas Detection
- Point IR, Open Path IR, and Electrocatalytic hydrocarbon gas detectors
- SureCell electrochemical toxic gas detectors
- Smart Transmitters offering Bluetooth, HART, Modbus, and relays

Honeywell

HONEYWELL FIRE SENTRY
Optical Flame Detection
- Unique Multi-Spectrum optical flame detectors
- Exceptional performance and unmatched event diagnostics
- Patented WideBand Infrared flame detection technology

Honeywell

SAFE FIRE DETECTION
Early warning fire detection, linear heat detection wire
- ASD & ProSeries Aspirating Early Warning Fire Detectors
- SafeCable Linear Heat Detection Wire
- ProH2O Linear Liquid Leak Detector

ALARM NOTIFICATION & CCTV CAMERAS

DETECTION & MEASUREMENT SYSTEMS
Custom Wireless Fixed Gas Detection
- Honeywell Analytics Combustible & Toxic Gas Detectors, Custom Packaged for your Requirement
- Designed for local field power or with solar power, fixed, or transportable
- Available for Hazardous Area or Safe Area Installations

EATON
Fully integrated plant communications and alarm notification systems
- MEDC Xenon beacons, horns, speaker, manual callpoints, and status lights
- Oxalis fixed CCTV cameras for hazardous locations

KAHLENBERG INDUSTRIES
Alarm notification systems
- Industrial air horn warning systems, 20dB to 149DB mass area notification horns
- Operate with air, nitrogen, or CO2
- Multiple sound frequencies and pressures for any application

KEY BENEFITS TO WORKING WITH DMS

Since 1994, DMS has been supplying our customers with the best specialized instrumentation, analyzer, and alarm products for the industrial, power, and municipal sectors. We are experts in detection and monitoring technology and will provide the right solutions for your operation.

Why choose DMS? Many of our customers operate facilities in environments that are highly corrosive and exposed to the harshest weather conditions. We provide a broad array of products designed specifically to operate reliably in these types of environments. Additionally, we have a large inventory of products available in our Houston warehouse, so when you need a product shipped fast, we can help.

We also offer many products for gas detection, leak detection, water quality detection, and air sampling, and have many years working with the the various types of instrumentation. Our expert team members can walk you through what product will work best for your company. Every member of our team prides themselves in offering you answers that are proven solutions for your application.

PORTABLE GAS DETECTION & MOBILE PRODUCTIVITY

blacklinesafety

BLACKLINE SAFETY
- Cellular and satellite connected wireless portable gas detection and area monitoring with 2-way voice communication, text messaging and evacuation management.
- Cloud-hosted monitoring portal with alert management, real-time map, historical view, configuration management
- Seamless configuration and firmware updates occur automatically over the air

Honeywell

HONEYWELL BW TECH. & RAE SYSTEMS
Full comprehensive range of portable gas detectors, offered in compact, lightweight designs
- Ideal for confined spaces, spot leak testing, and mobile use
- Simple alarm-only units and advanced, fully configurable, and serviceable instruments
- Specific detectors for volatile organic compounds (VOCs)

RKI INSTRUMENTS

RKI INSTRUMENTS
Fully configurable single and multi-gas portable detectors
- Product line includes world's smallest portable gas detector for simultaneous detection of LEL, O_2, H_2S, and CO
- Confined space monitors, sample draw gas detectors, and explosive gas leak detectors

MSA SAFETY

Specialty in connected worker technology to monitor for flammable and toxic gasses
- Single, two-gas, 4 gas and up to 6 gas detection including VOC's.

SENKO

Single and multi-gas portable detectors ensures maximum efficiency and productivity
- Disposable, replaceable, or long term solutions
- Product offering includes sampling type gas detectors and gas leak detectors

ECOM INSTRUMENTS

Mobility and productivity with hazardous area tablets, smart phones, and cameras
- Rugged C1D1 & C1D2 handheld mobile devices - productivity apps, camera, data/wi-fi/ bluetooth, push-to-talk, man-down, industrial bluetooth communication, and more
- Bluetooth communication to Rae Systems and Honeywell Analytics gas detection
- Custom & factory supported mobile device applications

GFG INSTRUMENTATION

Single and multi-gas detectors with specialized combination sensors
- Designed for use in confined spaces
- Available in toxic, oxygen, H2, and O2 combination sensors with options for monitoring up to 7 different gasses

LEAK DETECTION

DISTRAN

- The Ultra Pro and Ultra Pro X pinpoint gas leaks from far distances without contact with the gas using acoustic leak imaging (ALI)
- Using 124 sensors, the Ultra Pro and Ultra Pro X also quantify the severity of a gas leak within seconds
- The only ATEX certified ultrasound camera in the world
- Ultra Pro X cameras are IECEx certified, and is the first ultrasonic camera to receive this certification

MEASUREMENT & ANALYSIS SECTION

SERVOMEX
The world leader in gas analysis
- Process and lab analyzers for combustion control, emissions monitoring, and process control
- Process safety and quality control
- Paramagnetic, TDL, infrared, FID, spectroscopic, UV fluorescence, gas chromatography, and chemiluminescence technologies, among others
- Single-point solutions to complex multi-analyzer system integration

HONEYWELL INDUSTRIAL FLAME MONITORING
Reliable, durable, and flexible solutions for the most challenging burner monitoring applications
- Designed for the highest level of function and flame discrimination
- Remote configuration, monitoring, and diagnostics, as well as multiple sensor options
- The ideal solution for a wide array of industrial processes and applications

HAMILTON
Smart pH/ORP, conductivity, turbidity, dissolved oxygen/carbon dioxide process analytics
- Rugged, low-maintenance in-process pH/ORP, Conductivity, DO, density sensors
- Analog and smart digital technology through arc or memosens to allow for calibration / diagnostics in the shop, lab, or field
- Wireless adapters and arcair software allows for transmitter-free interface and asset management

SWAN ANALYTICAL INSTRUMENTS
Water Quality Analyzers
- High quality analytical instruments for continuous water monitoring.
- Drinking water plant measurement for turbidity, chlorine, DO, pH and ORP.
- Power plant water lab measurement for silica, sodium, conductivity, DO, pH and ORP.
- Applications include feedwater, steam condensate, potable water, cooling water, waste water effluents, and high purity water

ZEFON
Air sampling equipment
- Monitor environmental and occupational health and safety conditions with custom air sampling equipment and pumps
- Uses science and in-depth analysis to pinpoint your work site's unique risks and risk levels
- Capture and store up to 2,500 samples, then easily extract them with a USB port and the included proprietary COMET software
- Air-quality analysis, filter performance testing
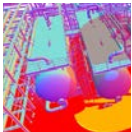
INSTALLATION, COMMISSIONING & OTHER SERVICES

DETECTION & MEASUREMENT SYSTEMS
Custom sampling system and system packaging
- Utilizing Honeywell fixed gas detection technologies
- Sample conditioning designed to address your special requirements
- Systems packaged in stainless steel or fiberglass enclosures

INSTALLATION, COMMISSIONING & SERVICE SUPPORT
- Let DMS handle the turnkey demolition, site preparation, and new product installation
- Product commissioning by our product experts ensures the best performance from your new equipment
- With a service contract through DMS, you'll have one less thing to worry about and reliable product performance you can count on

KENEXIS
Gas and flame detector placement mapping services
- Performance based fire and gas detection mapping and detector placement services
- SIS SIL verification, safety requirements specifications, and function safety assessments
- HAZOP, LOPA, QRA, and FMEA analysis, along with preliminary hazards assessment
- Industrial control system cyber security conformance and gap analysis

PELICAN CASES
- Shock-resistant, dustproof, watertight cases
- Protect valuable gear
- Able to take on hard knocks and all kinds of weather

CALIBRATION GAS & KITS
- Accurate, combustible, and toxic calibration gases
- Available in various gas bottle sizes and concentrations
- Gas regulators, calibration caps, and accessories

A LEADER IN SAFETY

Detection & Measure Systems has decades of experience in keeping the industrial, power, and municipal markets safe — and we will continue to do so for decades to come. When you need expertise on what is the best detection system for your company, contact us! Our knowledgeable and passionate staff will be happy to answer any questions you may have about our products and services.

STRONG PARTNERS

DMS isn't alone in the safety space. Paradigm's group of companies: Code Red Safety, Concept Controls, and HazTek are sister companies to DMS that bring a wide array of safety solutions. Code Red Safety brings its expertise in turnaround logistics, safety training, fire safety, and rescue training. Concept Controls offers expertise in instrumentation and equipment — covering the gamut of gas detection, fall protection, industrial hygiene, environmental monitoring, and CBRNe. HazTek rounds out the businesses in construction, on-site project safety management, safety audits, and assessments. Together, the Paradigm group of companies is unmatched in the safety industry.

HOUSTON

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