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Our Clients



الكلية الجامعية الوطنية





Gas Monitor Devices

Portable monitorfor gases, it lets you to log data for the gases you measure, making your record-keeping easy. It can also interface with your external control systems, making it a simple solution for those needing alarms or exhaust fans controlled for safety purposes.



Gases:Ammonia (NH₃), Carbon Dioxide (CO₂), Carbon Monoxide (CO), Chlorine (Cl₂), Dual -CO, CO₂, Formaldehyde (CH₂O), Hydrogen (H₂), Hydrogen Sulfide (H₂S), Methane (CH₄), Nitrogen Dioxide (NO₂), NMHC, Ozone (O₃), Perc (C₂Cl₄), Sulfur Dioxide (SO₂), Triple, CO, CO₂, VOC, VOC

Benefits:

- -Fits comfortably in the hand
- -One monitor compatible with up to 30 different sensors
- -Data logged directly onto monitor base
- -Audible alarm functionality
- -Changing sensors takes seconds and can be done anywhere
- -Remote sensor capability
- -Long life lithium battery technology
- -Zero and span calibrate in the field
- -Free PC software
- -Connect direct to PC via USB



Applications:

- -Source and leak detection
- -Process control
- -Health and safety monitoring
- -Indoor air quality

What's Included :

- -Monitor Base
- -LCD Display
- -Lithium battery and charger
- -Integrated data logger
- -0-5 VDC output
- -Zero and span calibration adjustment
- -Low and high audible alarm
- -Monitor to USB cable for connection to PC
- -PC software for data logging



****We worked with the Ministry of Environment through the UNDP :**

<https://asfanco.com/ministry-of-environment/>



Portable Gas Monitors

Product	Picture	Audible Alarm	Sensor Range	Sensor Features
Save air color Badges		No	0-0.05 ppm to 0-5 ppb	-Low Cost -Easy to use -Simple Display
A compact portable gas detector with a wide range of gas selection and ranges.		yes	According to the toxic Gas type you want to detect	-Low Cost -8 Hour Working Time -Pump Sampling
Portable Ozone Detector		yes	0-1 ppm 0-20 ppm	- LCD Screen for Clear Readings -Monitors Different Gases -500pcs Data Records
PortableOzone Detector		yes	0-1 ppm 0-20 ppm	-Cost Effective -Dust Proof-Three Alarm Methods -Built-In Flashlight
Air Monitor (CO)		No	0-500 ppm	-Measures CO, RH, and Temp -Rechargeable Battery -Extremely Portable -Emergency Text Feature (Sparrow App)



Portable Gas Monitors

Product	Picture	Audible Alarm	Sensor Range	Sensor Features
VOC Gas Sensor		yes	According to the VOC Gas type you want to detect	--Constantly Monitor Work Enviroment -Early Leak Detection -Extreme Ease of Use -Virtually No Maintenance
According to the Gas type you want to detect		yes	According to the Gas type you want to detect	-Backlit LCD Display -Min., Max, Avg., Logged -Field Replaceable Sensor -0-5 VDC Output -Control and Alarm Relays
Portable gas detector great for leak detection, personnel safety, and general gas detection. Capable of sensing multiple gasses		yes	According to the Gas type you want to detect	-Internal Sample Pump -Fast Response Time -Carry Case w/ Accessories
portable monitoring solution for industrial and occupational hygienists and environmental health and safety professionals		yes	According to the Gas type you want to detect	-Internal Sample Pump -Fast Response Time -Carry Case w/ Accessories

Fixed Gas Monitors



Product	Picture	Audible Alarm	Sensor Range	Sensor Features
fixed ozone detector uses an advanced catalytic gas sensor, which can translate the ozone concentration in the air to the digital signal output		yes	0-20 ppm	-Explosion Proof -Can be Loop Powered
Ozone Monitor is a great wallmount ozonedetector for OSHA safety levels of ozone. Ozone detection range of 0.02 -0.14 ppm		yes	0-0.14 ppm	Ozone Monitor is a great wall mount ozone detector for OSHA safety levels of ozone. Ozone detection range of 0.02 -0.14 ppm
Gas Transmitter is a 4-20mA loop-powered instrument that transmit a signal linearly proportional to gas concentration.		yes	0-2 ppm	-4-20 mA Output -Optional Display -Can be Loop Powered
Gas Alarm Unit is a module that provide local alarm, display and signal re-transmission for a gas detection system.		no	According to the gas type	-Ozone Detection System -Provides Relays and 4-20 mA Outputs -Accept Input from any 4-20 Device -Provides Control Abilities



Fixed Gas Monitors

Product	Picture	Audible Alarm	Sensor Range	Sensor Features
Multiple-output capability and is designed to be a stand-alone detector that provides gas readings to a remote location.		yes	0-0.05 ppm 0-0.15 ppm 0-0.5 ppm 0-10 ppm 0-30 ppm	-Simple Relay Controller -4-20 mA Output -Simple Relay Controller -Integrated Relay -RS-485 Communications
case digital controller. Failure alarm digital display, precise adjustable max, min, fail points. RS-232 output, relays, analog output, 4/20mA with remote monitor and pre-calibrated field-replaceable sensor		yes	0-20 ppm 0-50 ppm	-Remote Sensor Standard -Backlit LCD Display -3 Integrated Relays
ransmitter/Controller has multiple-output capability and can be included in a network of monitors		yes	0-0.05 ppm 0-0.15 ppm 0-0.5 ppm 0-10 ppm	-4-20 mA Output -Optional Display -Low Level Ozone Detection

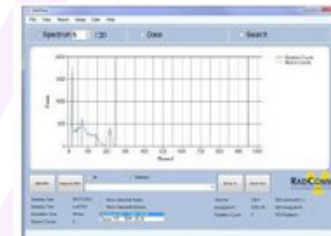
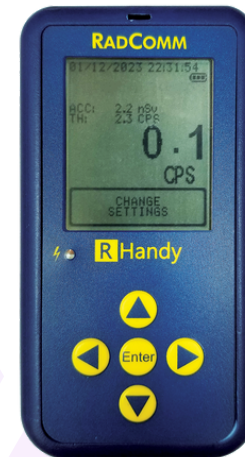


Fixed Gas Monitors

Product	Picture	Integrated Relays	Sensor Range	Sensor Features
Gas Transmitter is designed for detection of a variety of toxic gases in hazardous area applications. In addition, it is also well suited for all general purpose applications where toxic gas measurement is required		yes	0-1,000 ppb 0-2 ppm 0-20 ppm 0-1,000 ppm	-Field Serviceable Sensor -4-20 mA Outputs -3 Optional Relays -Remote Sensor Options -Optional Auto-Test Generator -Digital Communications
Wet Gas Transmitter is perfect for wet environments (100% moisture saturated atmosphere) and consists of a loop-powered 2-wire transmitter and corrosion resistant sensor perfect for direct measurement.		No	0-20 ppm	-Designed for 100% Humidity -4-20 mA Output -Optional Display -Optional Remote Sensors
Toxic Gas Transmitter will accept up to 46 different sensors, greatly reducing the need for multiple transmitter models		yes	0-1,000 ppb 0-2 ppm 0-20 ppm 0-1,000 ppm	-XP Class-1, Div-1 Rated -4-20 mA Output -Integrated Relay -Remote Sensor Options -Optional Auto-Test Generator -Digital Communications
Infrared Toxic Gas Transmitter is a corrosion resistant enclosure that uses the compact IR sensor to meet hazardous area requirements		yes	Depends on the gas type	-XP Class-1, Div-1 Rated -4-20 mA Output -Remote Sensor Options -Optional Auto-Test -Digital Communications -Infrared Sensor Detection Method

Handheld Radiation Detection Systems

- Rugged Case (4.35" L x 2.4" W x 1.3" H)
- Display Window (1.56" L x 1.81" W)
- Five Push Button Actuation
- Mini USB Connector for Internal Battery Charging
- Micro-Controller Based Architecture
- Audio Alarm with Vibration
- Menu Driven User Interface
- Selectable Features: Date and Time, Units of Measure, Readings Update, Language





Weather Stations

Systems for climatic weather monitoring. Our solutions are modular and flexible, they can be standard type with data logger and GPRS / Satellite / Radio data transmission system, or of the latest generation with IoT technology. Designed to withstand the most adverse climatic conditions and for an easy installation and management even in critical conditions. The data processing and storage capacity is at the highest levels allowed by current technology. Easily programmable to meet all processing needs.





Portable Weather Station

multifunctional handheld weather station. Lightweight, easy to move, and durable are its main advantages. The integrated design has no moving parts and does not require maintenance or on-site calibration. It can simultaneously monitor real-time data such as wind speed, wind direction, temperature, humidity, air pressure, PM2.5, PM10, noise, carbon dioxide, and rainfall.





MULTI GAS DETECTOR

Gas detector is a kind of fast response and high accuracy gas measurement portable device. With internal sampling pump, fast sampling speed and high flow rate, ensuring the response time of the detector. Unique design, small size and easy to carry with, suitable for different kinds of situation and environment.





Designed for all climates and conditions of use, from the coast to the mountains, from the desert to the perennial snows.

The standard systems complete and configurable:

- • • Weather station 2m, 5m or 10m
- Control unit for plant freezing alert
- Agrometeo compact station



Software:

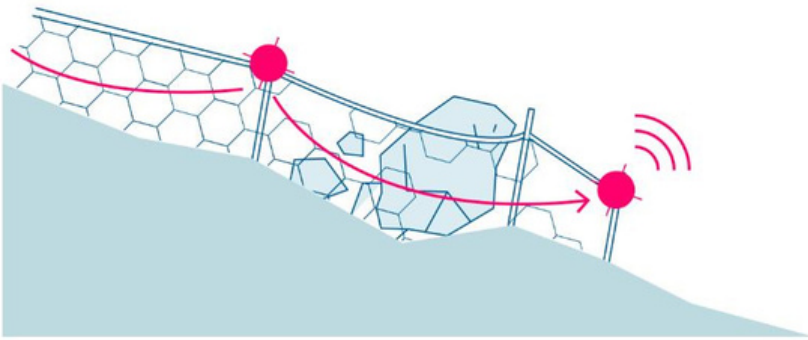
Web application for the management of remote Measurement monitoring networks.



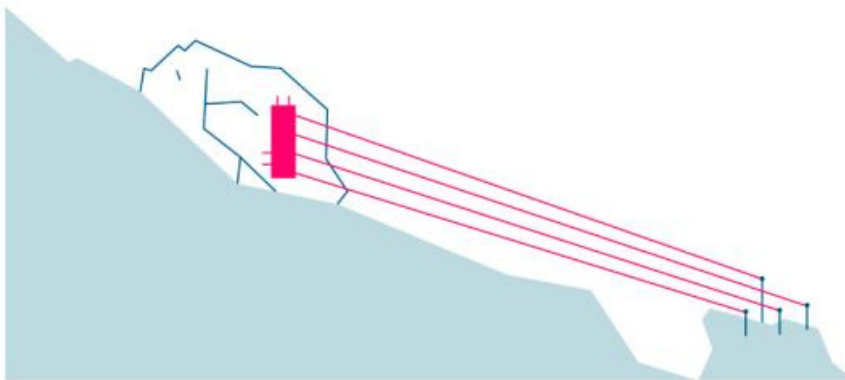
Geotechnical:

Alertsystemforthe purpose of monitoring and alerting the movement of landslides, debris flows, rock falls, structures, etc. as the following :

- Rocks alert is system for safeguarding lives, infrastructures and buildings protected by rock fall barriers.

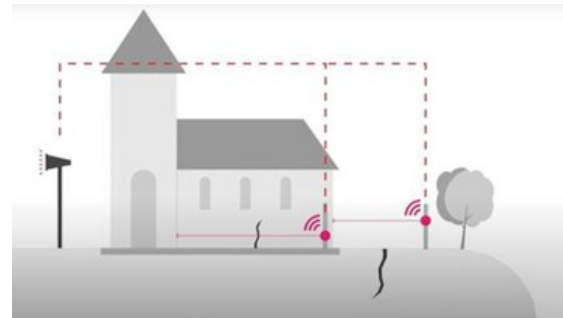
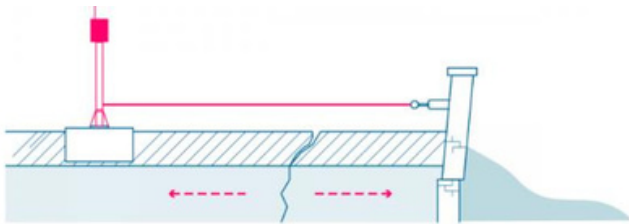


- Sentinel is used when the climatic event has already happened, for the safety to whom works in the dangerous area.





- Rains alert is able to alert when intense rains and floods occur.



- Slide alert measures millimetric displacements of a surface or a front against a fixed point.



Strain alert system Allows effective control of containment nets and protection bridles

