

SIMTRONICS GD10P GAS DETECTOR

FIXED GAS DETECTORS

- Advanced design includes two solid-state IR sources that require no calibration or servicing during the products lifetime
- SIL2 compliant and standard HART interface
- Ultra fast speed of response
- Gases detected: common hydrocarbons, CO2
- Sensor technologies: solid state infrared

* Customisations available



SCOTT MERIDIAN UNIVERSAL GAS DETECTOR

- SIL2 compliant certified by TUV-Rheinland
- Single detector head for all sensor types
- One universal product for toxic and combustible applications
- Modular design reduces maintenance time and costs and allows easy integration into existing infrastructures
- Gases detected: toxic, combustible, O2, CO2
- Sensor technologies: electrochemical, catalytic, infrared, MOS

* Customisations available



DETCON MODEL 700 SERIES GAS DETECTOR

- Specifically designed for harsh environments and extreme locations
- Waterproof, corrosion-proof, vibration-proof
- Multi-layer surge protection
- Sensor elements are plug-in components and can easily be replaced in the field
- Gases detected: toxic, combustible, O2, CO2, VOCs
- Sensor technologies: electrochemical, catalytic, infrared, MOS, photo ionization

* Customisations available



OLDHAM ITRANS 2 FIXED GAS DETECTOR

- Optional HART communication protocol
- Smart infrared gas sensor technology
- Intelligent electronics to provide one or two points of detection from a single head
- Provides maximum flexibility, superior performance and lower installation costs
- Gases detected: toxic, combustible, O2, CO2
- Sensor technologies: electrochemical, catalytic, infrared

PRODUCT CODE

9200DMITRAN2-XXXXXXX	Oldham iTrans 2 Fixed Gas
	Detector
	(customisations available)



DETCON MODELS 500 & 600 MICROSAFE™ GAS DETECTOR

- Simple menu-driven calibration and programming
- Plug & play sensors and transmitters
- Intuitive non-intrusive operator interface
- Transmitter design incorporates extensive fault diagnostics with each condition conveniently identified on the transmitter display
- Gases detected: toxic, combustible, O2, CO2
- Sensor technologies: electrochemical, catalytic, infrared, MOS

* Customisations available





gas detection & air quality monitoring



FIXED GAS DETECTORS

SIMTRONICS DG SERIES GAS DETECTORS



- Optional HART Communication Protocol
- 4-20 mA and relays standard
- Easy operation and maintenance
- Sensor elements are intrinsically safe and may be replaced with the detector powered
- Gases detected: toxic, combustible, O₂
- Sensor technologies: electrochemical, catalytic, MOS

* Customisations available

OLDHAM OLOLCT60 FIXED GAS DETECTOR



- Simple non-intrusive one person calibration
- Pre-calibrated sensors
- Sensors are resistant to corrosion and can be remote mounted
- SIL2 capability for combustible gases
- Gases detected: toxic, combustible, O₂, CO₂, VOCs, refrigerant
- Sensor technologies: electrochemical, catalytic, infrared, semiconductor, catharometer

* Customisations available

OLDHAM OLC(T) 100 FIXED GAS DETECTOR



- SIL2 compliant for LEL, O₂, CO, H₂S, NH₃, CO₂
- Stainless steel and high temperature options available
- OLCT 100 gas detectors combine reliability, durability and ease of use
- OLC 100: Wheatstone bridge (catalytic only) output
- OLCT 100: 4-20 mA output
- Both are available in explosion proof or intrinsically safe versions

- Gases detected: toxic, combustible, O₂, CO₂, refrigerant
- Sensor technologies: electrochemical, catalytic, infrared, semiconductor

* Customisations available

OLDHAM OLCT20 GAS DETECTOR



- Corrosion resistant stainless steel housing
- Easy disconnect of sensors by turning the unit head
- Designed for indoor and outdoor monitoring
- Quick response times
- Gases detected: toxic, combustible, O₂, VOCs, refrigerant
- Sensor technologies: electrochemical, catalytic, semiconductor, catharometer

* Customisations available

SCOTT SPYGLASS OPEN PATH COMBUSTIBLE GAS DETECTOR



- Detects over a range of up to 200m
- Built-in event recorder
- Detects hydrocarbon gases by analyzing the absorption of radiation caused by gases in the atmosphere
- Gases detected: combustible
- Sensor technologies: open path

* Customisations available

SIMTRONICS GD1 TOXIC LASER LOS GAS DETECTOR

FIXED GAS DETECTORS

- No calibration required
- Can replace multiple standard detectors to cover the same risk
- Using a tunable laser diode it provides enhanced coverage and failsafe detection
- Advanced design eliminates environmental interference from sun, rain and fog
- Ideal for open areas and fence line monitoring
- Gases detected: hydrogen sulfide (H₂S)
- Sensor technologies: infrared (tunable laser diode)

* Customisations available



OLDHAM CTX 300 FIXED GAS DETECTOR

- 2-Wire loop powered option (electrochem only)
- Commercial or industrial applications in unclassified areas
- Detects hazardous levels of toxic gases and oxygen in unclassified areas
- Gases detected: toxic, O₂, CO₂, refrigerant
- Sensor technologies: electrochemical, infrared, semiconductor

* Customisations available



OLDHAM OLC(T) 10N FIXED GAS DETECTOR

- Detect the most common gases
- OLC 10N: Wheatstone bridge
- OLCT 10N: 4-20 mA
- For commercial and light industrial applications
- Intended for use with the MX 43 controller
- Up to 32 gas detectors can be connected on the same digital line or distributed on 8 lines
- Gases detected: CO, H₂S, NO₂, NO, NH₃, combustible, refrigerant

- Sensor technologies: electrochemical, catalytic, infrared

* Customisations available



OLDHAM AIRAWARE GAS DETECTOR

- Can monitor, transmit and control
- Dual alarm LEDs and push-button operation
- For commercial and light industrial applications
- Provides discrete monitoring with enhanced aesthetics
- Gases detected: CO, Cl₂, H₂S, NO₂, SO₂, O₂, NH₃, NO, or HCl
- Sensor technologies: electrochemical
- 4-20 mA or ModBus RTU outputs

* Customisations available



DETCON CXT SMARTWIRELESS GAS DETECTION SENSORS

PORTABLE GAS DETECTORS

- Self-healing mesh network topology
- Universally accepted 2.4 GHz non-licensed frequency
- Low power gas detection sensors with built-in transceivers
- Built-in display for gas sensor/field device HMI
- Disposable battery packs
- Network capacity of up to 32 devices
- Gases detected: toxic, combustible, O₂
- Sensor technologies: electrochemical, infrared

- Power In/Battery Life: 9-30 VDC/ 2 months "C" cell (3.6V) disposables, 9 months "D" cell (3.6V) disposables, 5 months rechargeable pack

* Customisations available





gas detection & air quality monitoring

OLDHAM

SIMTRONICS
Fire & Gas

GMI
Gas Measurement Instruments

SCOTT
SAFETY

detcon inc.

PORTABLE GAS DETECTORS

DETCON CX SMARTWIRELESS GAS DETECTION SENSORS



- Wired version of the CXT
- Low power gas detection sensors
- Non-intrusive magnetic interface
- Electropolished 316SS construction
- Gases detected: toxic, combustible, O₂
- Sensor technologies: electrochemical, infrared
- Power in/Battery life: 9-30 VDC/ Internal "D" cell (3.6V) disposable pack or Lithium Ion Rechargeable pack optional

* Customisations available

SCOTT PS200 PORTABLE GAS DETECTOR



- Monitors up to 4 gases simultaneously
- Vibrating, visual and audible alarms produce a clear warning signal that can be seen/heard in all environments
- IP67 rated
- Small and lightweight
- Gases detected: LEL, H₂S, O₂, CO
- Sensor technologies: electrochemical, catalytic
- Run time: 14 hours, 8 hours (pumped)

* Customisations available
(Pump version and mandown alarm version available)

GMI PS500 PORTABLE GAS DETECTOR



- Over 15 plug-and-play smart sensors to choose from
- Detects up to 5 gases
- Piercing 95 dB audible plus 360-degree high visibility light bar
- On-board datalogging for calibration certificates, data management and event logging
- High impact rubberised case
- IP65 rated

- Gases detected: LEL, H₂S, O₂, CO, CO₂, SO₂, CL₂, NH₃, NO, NO₂, PH₃, VOC, C₆H₆, dual tox CO/H₂S
- Sensor technologies: electrochemical, catalytic, PID, NDIR
- Run time: 12 hours min with pump - rechargeable NiMH or 3 AA alkaline

* Customisations available

GMI GT SERIES INSTRUMENT



- Leak detection from PPM to Volume gas
- Seven modes of operation include: leak test, confined space entry, barhole testing, carbon monoxide, purge, sniffer and pressure leak tightness
- Data logging, integral flash light and geiger on ppm range
- Gases detected: O₂, CO, H₂S, dual tox CO/H₂S, methane (ppm, LEL, % Volume), water gauge

- Sensor technologies: electrochemical, catalytic, semiconductor, thermal conductivity, pressure transducer
- Battery life: 8 hours: 3 'C' type batteries – LR14 alkaline or rechargeable

* Customisations available

SCOTT PROTEGE MULTI-GAS MONITOR



- One-button turn on, functional self-testing and simple sensor replacement
- Tough and robust construction
- Easy to maintain with automatic zero and span calibrations and simple sensor replacement
- Enhanced user ergonomics with unique hourglass design to fit all hand sizes
- Gases detected: LEL, H₂S, O₂, CO
- Sensor technologies: electrochemical, catalytic

- Run time: 18 hours without pump, 12 hours with pump

PRODUCT CODE

920KMSPRO-XXXXXX | Scott Protégé Multi-Gas Detector
(For servicing only)

SCOTT PROTEGE ZM SINGLE GAS DETECTOR

PORTABLE GAS DETECTORS

- Zero-maintenance single gas solution
- Two year operating life, no charging or calibration required
- Display shows life remaining, gas readings or both
- Available in H₂S, CO and O₂ configurations
- H₂S and CO models include hibernate feature to extend battery life up to one year
- Three point alarm system including audible, visual and tactile alarms
- IP 66/67 rated enclosure

- Gases detected: H₂S, O₂, CO
- Sensor technologies: electrochemical
- Battery life: 2 years

PRODUCT CODE

920KMS096-3459-XX

Scott Protégé ZM Single Gas

Monitor, CO/H₂S/O₂ (XX):

01/02/03



GMI GASURVEYOR 500

- Multiple modes including: Combustible Gas Indicator/ Confined Space Monitor/Purge/Sweep
- Highly accurate and reliable
- Extremely robust and anti-static case
- Configurable operation, auto ranging, internal sample pump and data logging
- Gases detected: CO, H₂S, combustible (ppm, LEL, % Volume), O₂
- Sensor technologies: electrochemical, catalytic, semiconductor, thermal conductivity

- Battery life: 15 hours 4'D' size alkaline or 9 hours rechargeable battery pack

* Customisations available



OLDHAM BM 25(W) TRANSPORTABLE MULTI-GAS AREA MONITOR

- Intrinsically safe trickle charger for long-term monitoring in classified zones
- Designed to detect one to five gases for mobile or temporary work applications, team protection, area surveillance or locations where fixed detection systems are not suitable
- 360° flashing signal
- 103 dB at 3 feet audible alarm
- Gases detected: toxic, combustible, O₂, CO₂, Isobutylene

- Sensor technologies: electrochemical, catalytic, infrared, PID
- Battery life: NiMH up to 170 hours operating time, 135 hours in wireless mode



DETCON MODEL P-1000 SERIES

GAS ANALYZERS

- Portable H₂S gas analyzers
- Sensor technologies: electrochemical
- Battery life: 30 days continuous operation

* Customisations available



DETCON SITE SENTINEL CXT ALARM AND CONTROL SYSTEM

ALARMS & CONTROLLERS

- Lightweight, stand-alone transportable wireless gas detection system
- 2.4 km line-of-site, network capacity of up to 32 devices
- Command functions include alarm reset, acknowledge, test & radio silence
- Rated for Class 1, Division 2 environments
- Power in/Battery life: 14-30VDC and/or internal rechargeable (1-2 months operating time)

* Customisations available





gas detection & air quality monitoring

OLDHAM

SIMTRONICS
Fire & Gas

GMI
Gas Measurement Instruments

SCOTT
SAFETY

detcon inc.

ALARMS & CONTROLLERS

DETCO AV1/AV2-N4X ALARM STATIONS



- NEMA 4X alarm stations
- Designed for use in non-hazardous environments
- Rugged construction and easy mounting
- Audible alarm is capable of producing coded blasts or sustained tones
- AV1 consists of a single strobe and horn and AV2 includes an additional horn

* Customisations available

DETCO AV1/AV2-C1Dx ALARM STATIONS



- Suitable for hazardous locations or corrosive environments
- Consist of a warning light (2 lights for AV2) and a siren
- Optional Class I, Div 1 and Class I, Div 2

* Customisations available

DETCO MODEL X40 INTEGRATED ALARM AND CONTROL SYSTEM



- 32 channel capacity
- Easy intuitive field configuration
- Analog or RS-485 input options
- Wired or distributed I/O
- Extensive event data logging

* Customisations available

DETCO MODEL MCX-32 INTEGRATED ALARM AND CONTROL SYSTEM



- Up to 64 channel capacity
- Readily field expandable with auto configuration capability
- Analog, digital or Modbus RTU serial input capability
- Versatile distributed I/O installation options
- Lightning & over-voltage protection standard
- Data logging of alarms, calibration, comm errors, faults, peak and average readings

* Customisations available

DETCO MODELS 10 & 12 SINGLE SENSOR CONTROL CARD SYSTEMS



- Modular plug-in design
- 2 to 16 channel packaging
- Outputs 4-20 mA, RS-485 Modbus™
- Control module status and parameters accessible via RS-485
- Programmable relays standard (up to 3 alarms + 1 fault)
- Alarm reset, silence, and calibration inhibit

* Customisations available

OLDHAM MX 43 GAS DETECTION AND CONTROL PANEL

ALARMS & CONTROLLERS

- 4 or 8 lines, up to 32 detectors
- Up to 32 fully programmable relays
- Large graphic display
- Remote modules
- USB Data logging capability
- RS485 Modbus RTU and multiple analog outputs

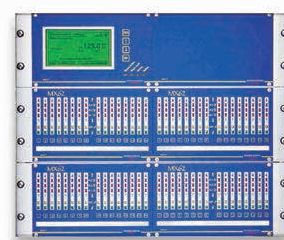
* Customisations available



OLDHAM MX 62 MONITORING SYSTEM

- Up to 64 secured channels for direct or network wiring
- Direct network and loop connection
- Redundancy from measurement to alarm relays
- SIL3 and SIL2 according to EN50402:2006

* Customisations available



OLDHAM SURVEYOR 4B

- Designed to ensure the safety of boiler plants, battery charging rooms or small units where your operations are at risk
- Single channel accommodates 1 or 2 OLC 10 combustible detectors
- Quick and simple din rail mountable installation
- Includes integral LED alarm indicators and 2 discrete alarms
- Din rail mountable packaging is rated IP30

* Customisations available



OLDHAM MX 15 SINGLE CHANNEL CONTROLLER

- Single channel controller designed for use in boiler rooms and commercial applications
- Low cost and easy to install
- DIN rail mounting is easy to install and rated IP31
- 3 built-in discrete relays
- For any transmitters/detectors
- Continuous self-checking

* Customisations available



SIMTRONICS MULTIFLAME DF-TV7-T MULTI-SPECTRUM FLAME DETECTOR

FLAME DETECTORS

- Excellent false alarm immunity
- Wide field of view
- Through lens optical check
- 4-20 mA and relay outputs as standard
- 4-20 mA Hart option
- SIL 3 certified
- Type of flame detected: hydrocarbon fires (good for smoky fires)
- Sensor technologies: multi-spectrum infrared

* Customisations available





FLAME DETECTORS

SIMTRONIC MULTIFLAME DF-TV7-V MULTI-SPECTRUM UV/2IR FLAME DETECTOR



- Excellent false alarm immunity
- Wide field of view
- Through lens optical check
- 4-20 mA and relay outputs as standard
- 4-20 mA Hart option
- SIL 2 certified
- Type of flame detected: hydrocarbon fires
- Sensor technologies: combined ultraviolet and dual infrared

* Customisations available

TYCO FLAMEVISION FV400 FLAME DETECTOR



- Triple IR solar blind flame detector
- Ability to reliably sense flames through high densities of solvent vapors and black smoke, increasing consistent detection
- Type of flame detected: hydrocarbon fires
- Sensor technologies: triple infrared solar blind, optional CCTV camera
- Ideal for applications:
Oil refineries, fuel transport and load facility
Outdoor fuel storage tanks

Diesel engine rooms
Aircraft hangars and fueling stations
Underground transportation tunnels
Compressor stations
Tanker and cargo ship

* Customisations available

ION SCIENCE PORTABLE PID DETECTOR

ION SCIENCE FIRSTCHECK+ MULTI-GAS DETECTOR



- Combining PID technology for VOC detection with traditional multi-gas sensors for O₂, H₂S, CO and explosive gas (LEL) detection
- Intrinsically safe ATEX approval
- Confined space applications
- Arson investigations
- Leak detection/fugitive emissions

PRODUCT CODE

920IONFP1SABXE-X	FirstCheck+ 1000 Alkaline Dry Cell
920IONFP1SRBME-X	FirstCheck+ 1000 NiMH Rechargeable
920IONFP2SABXE-X	FirstCheck+ 2000 Alkaline Dry Cell
920IONFP2SRBME-X	FirstCheck+ 2000 NiMH Rechargeable
920IONFP3SABXE-X	FirstCheck+ 3000 Alkaline Dry Cell
920IONFP3SRBME-X	FirstCheck+ 3000 NiMH Rechargeable
920IONFP5SABXE-X	FirstCheck+ 5000 Alkaline Dry Cell
920IONFP5SRBME-X	FirstCheck+ 5000 NiMH Rechargeable

ION SCIENCE GASCHECK GAS LEAK DETECTOR



- ATEX-approved gas leak detector
- The micro thermal conductivity sensor detects even the smallest quantities of escaped gas
- Conveniently calibrated against helium - the most commonly used tracer gas - and is particularly sensitive to ammonia, argon, butane, hydrogen, sulfur hexafluoride and refrigerants
- EMC tested to EN50081-1 and EN50082-1 July 98

PRODUCT CODE

920IONGC3SAXXS-X	GasCheck 3000
920IONGC3SABXS-X	GasCheck 3000IS (Intrinsically Safe)
920IONGC5SABXS-X	GasCheck 5000IS (Intrinsically Safe)*

* Data logging available with GasCheck 5000IS only.

ION SCIENCE PHOCHECK TIGER PID/VOC DETECTOR



- Dynamic range ppb to 20,000 ppm for specific volatiles
- Easy change miniPID Detector, Electrode Stack and Lamps
- Batteries certified to be changed safely within hazardous environments
- Intrinsically safe ATEX, IECEx and CUL approvals
- Rugged design with protective, removable rubber boot
- Wireless and data logging options
- EMC tested to EN61326-1:2006, EN50270:2006 and CFR 47:2008 Class A

PRODUCT CODE

920IONPTXSABME-0007	PhoCheck Tiger Alkaline Dry Cell Battery - H&S/PPB/Data Logging
920IONPTXSLBME-0007	PhoCheck Tiger Li-ion Rechargeable Battery - H&S/PPB/Data Logging