

# GAS DETECTOR



## Introduction of Safetyware Group

Safetyware Group, the leading PPE and safety equipment manufacturer in Malaysia, has established itself as a trusted provider of innovative gas detection solutions. Our dedication to ensuring the safety and well-being of our customers has led us to expand our offerings into the specialized field of gas detection, where we deliver reliable, accurate, and high-quality products tailored to meet diverse needs.

With a solid foundation in the safety industry, Safetyware Group leverages its extensive experience and in-depth knowledge to develop cutting-edge gas detection equipment. We collaborate with renowned industry experts to create state-of-the-art portable and fixed gas detection systems that offer unparalleled performance and durability.

Safetyware Group is committed to providing comprehensive support and services for our customers. We offer product training, installation services for fixed gas detection systems, and calibration services to ensure that our customers have the necessary knowledge and resources to utilize our gas detection solutions effectively.

As a reputable manufacturer in the PPE and safety equipment industry, Safetyware Group understands the critical nature of gas detection and the need for dependable monitoring solutions. Our unwavering commitment to quality, innovation, and customer satisfaction sets us apart in the gas detection field, making us the preferred choice for businesses and industries worldwide.

Partner with Safetyware Group for your gas detection needs and experience the confidence and assurance that comes with working alongside a pioneering industry leader.





**GDP10**

**Target Gas :**

Combustible (LEL), Carbon Monoxide (CO), Hydrogen Sulfide (H<sub>2</sub>S), Oxygen (O<sub>2</sub>), Hydrogen (H<sub>2</sub>), Sulfur Dioxide (SO<sub>2</sub>), Chlorine (Cl<sub>2</sub>), Nitric Oxide (NO), Nitrogen Dioxide (NO<sub>2</sub>), Ammonia (NH<sub>3</sub>), Hydrogen Chloride (HCl)

**SAFETYWARE AlphaSense™ GDP10 Portable Single Gas Detector** is an intrinsically safe equipment which can continuously detect combustible gases and toxic gases in underground pipes or mines.

- LCD display
- Low voltage alert
- Real time clock display
- Adjustable alarm value and span calibration value
- High concentration protection for combustible gas sensor
- Audible, visual and vibrative alarming
- STEL and TWA alarm for toxic gases



**GDP40**

**Target Gas :**

Combustible (LEL), CO, H<sub>2</sub>S, O<sub>2</sub>

**SAFETYWARE PrimeSense™ GDP40 Portable Multi-Gas Detector** is a united gas detector measuring 4 major gases, which result the most of the industrial accidents, to protect the disasters caused by the O<sub>2</sub> deficiency, toxic gas poisoning and combustible gas explosion.

- Small size and light-weight
- Simple operation with only 1 button
- Adjustable alarm levels and span calibration value
- STEL and TWA alarm for toxic gases
- Self protection for combustible gas sensor against high concentration
- Battery low voltage alert
- Confidence beep
- Self-test after power on
- Self-diagnostic and self-correction function



**GDP50**

**Target Gas :**

LEL (Catalytic), CH<sub>4</sub> (Infrared), H<sub>2</sub>, H<sub>2</sub>S, CO, O<sub>2</sub>, NH<sub>3</sub>, SO<sub>2</sub>, PH<sub>3</sub>, NO<sub>2</sub>, NO, HF, HCN, HCL, CO<sub>2</sub> (Infrared), Cl<sub>2</sub>, ETO, HCHO, VOC (PID), C<sub>3</sub>H<sub>3</sub>N, C<sub>2</sub>H<sub>3</sub>CL

**SAFETYWARE VersaSense™ GDP50 Portable Multi-Gas Detector** is a united gas detector measuring maximum four (4) gases, to protect the disasters caused by the O<sub>2</sub> deficiency, toxic gas poisoning and combustible gas explosion.

- Interchangeable smart sensor module
- Intrinsically safe
- MOS, catalytic, electrochemical, infrared, PID sensors selectable
- Built-in sampling pump (optional)
- Visual, audible and vibrative alarm
- Adjustable alarm levels and span calibration value
- STEL and TWA alarm for toxic gases
- Password management
- Real-time clock
- Self-test after power on
- Self-diagnostic and self-correction function
- GPS, GPRS and man down function (optional)



**GDP60**

**Target Gas :**

LEL (Catalytic), CH<sub>4</sub> (Infrared), H<sub>2</sub>, H<sub>2</sub>S, CO, O<sub>2</sub>, NH<sub>3</sub>, SO<sub>2</sub>, PH<sub>3</sub>, NO<sub>2</sub>, NO, HF, HCN, HCL, CO<sub>2</sub> (Infrared), CL<sub>2</sub>, ETO, HCHO, VOC (PID), C<sub>3</sub>H<sub>3</sub>N, C<sub>2</sub>H<sub>3</sub>CL

**SAFETYWARE VersaSense-Pro™ GDP60 Portable Multi-Gas Detector** is a multi-gas detector up to measure the concentrations of 6 gases simultaneously.

- Interchangeable smart sensor module
- Intrinsically safe
- Built-in sampling pump (optional)
- Visual, audible and vibration alarm
- Adjustable alarm levels and span calibration values
- Password management
- Self-test after power on
- Self-diagnostic and self-correction function
- Real-time clock



**GDF70**

**Target Gas :**

CH<sub>4</sub>, LPG, H<sub>2</sub>, LEL, O<sub>2</sub>, CO, H<sub>2</sub>S, NH<sub>3</sub>, SO<sub>2</sub>, NO<sub>2</sub>, CO<sub>2</sub> in PPM, CO<sub>2</sub> in % Vol, VOC, C<sub>2</sub>H<sub>4</sub>O

**SAFETYWARE SecureSense™ GDF70 Explosion-Proof Fixed Gas Detection Transmitter**, adopting high-quality catalytic gas sensor and SMD arts and crafts, has advantages of good reproducibility, disturbing-proof against temperature and humidity, long life-span and easy operation

- LED display
- 4-20mA or RS485 signal output optional
- IP65 rating
- ATEX certificate



**GDF01**

**SAFETYWARE GDF01 Gas Detection Control Panel** is designed for industrial use with 4~20mA communication signal to integrate all the gas detectors in different sites, to monitor the gas concentration continuously and conveniently.

- 4~20mA signal connection
- 3 passive relay output for each channel
- LCD display
- Auto-search after power on
- Audible and visual alarm

## Optional Add On



**SAFETYWARE Gas Sampling Pump**

**SAFETYWARE Gas Sampling Pump** is newly designed sampling pump for using together with portable gas detector. With advantages of simple & beautiful design, easy installation, small size, light weight, low noise, good stability, it's suitable for long time continuous sampling toxic gas in the air.

- Anti-shaking and anti-striking
- Beautiful design and easy operation
- Replaceable filtration equipment and easy for maintenance
- Easy installation and good air-proof
- Indication of pump jam, power and low voltage





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