



## INDUSTRIAL SAFETY



### Gas Detection

Gas Detector, a life saving equipment that measure and indicate the concentration of certain gases in the working environment. They are typically employed to prevent toxic exposure, fire and oxygen deficiency. They are manufactured either as portable or fixed units and work by signifying high levels of gases through a series of audible or visible alarms. Standard gas detector could detect from one gas to to four gases, modern multifunctional or multi-gas devices are capable of detecting several gases at once. When the sensors response surpasses a certain pre-set level, an alarm will activate to warn the user. There are various types of detectors available and the majority serves the same function: to monitor and warn of a dangerous gas level. However, when considering what type of detector to install, it is helpful to consider the different sensor technologies.

Electrochemical sensors are most commonly used in the detection of toxic gases like Carbon Monoxide, Chlorine, Hydrogen Sulfide, Sulfur Dioxide, Nitrogen Dioxide, Hydrogen Cyanide, Nitric Oxide and Ammonia.

Catalytic sensors are used to detect combustible gases such as hydrocarbon, and works via catalytic oxidation. As a combustible gas comes into contact with the catalytic surface, It is oxidized and the wiring resistance is changed by heat that is released. A bridge circuit is typically used to indicate the resistance change.

Photo Ionization Detectors (PID) detect toxic or hazardous vapors in ppm from 0.1 to 2000 ppm and measure low concentration of ionizable chemicals like Volatile Organic Compounds (VOCs), such as hydrocarbons and some inorganic vapors by photoionization. A process that treats chemicals with ultraviolet light to convert their molecules into electrically charged ions.

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## PS200 Up to Four Gas Personal Monitor

GM-PS200-64052Q

- ▶ Auto bump / calibration station (Accessory)
- ▶ Optional internal pump and easy one button operation

PS200 provides unrivaled protection in confined space applications. Monitoring up to 4 gases simultaneously, it can be configured to detect a combination of Methane, Oxygen, Carbon Monoxide, and Hydrogen Sulfide, as well as other flammable gases. An optional internal pump allows for pre-entry checking.



- Gases Detected:  
LEL, H2S, O2, CO
- Sensor Technologies :  
Electrochemical, catalytic
- Run Time :  
14 hours, 8 hours (pumped)
- Alarms:  
Highly visible flashing LED, piercing  
>90dB audible
- Approvals:  
ATEX, CE, IECEx, cCSAus, MED



## PS500 Up to Five Gas Personal Monitor

GM-PS500-61368ABEV2

- ▶ Auto bump and calibration station (Accessory)
- ▶ Over 15 Plug-&-Play smart sensors to choose from including PID for VOCs

PS500 can be tailored to detect up to five gases and is particularly useful in noisy environments, featuring a piercing 95dBA alarm. An optional internal pump allows for pre-entry checking. PS500 features a high-impact resistance case and on-board data logging for calibration certificates, data management and event logging.

- Gases Detected:  
LEL, H2S, O2, CO, 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
- Alarms:  
Visual 360° light bar, piercing 95dB audible, TWA, STEL, low battery
- Approvals:  
ATEX, CE, IECEx, UL, MED





## GT 1 Instrument, 7 Applications

- ▶ Auto bump and calibration station (Accessory)
- ▶ Leak detection from PPM to volume gas

GT Series is designed for the gas industry, satisfying all the needs of service technicians within a single unit. Seven modes of operation include: leak test, confined space entry, barhole testing, carbon monoxide, purge, sniffer and pressure leak tightness. Features include data logging, integral flash light and geiger on ppm range.

- Gases Detected:  
O<sub>2</sub>, CO, H<sub>2</sub>S, dual tox CO/H<sub>2</sub>S, 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
- Alarms:  
High visibility LEDs, 85dB audible
- Approvals:  
ATEX, CE, IECEx, CSA, UL



## Senko SGT-P Replaceable Single Gas Detector

The SGT-P is a single replaceable gas detector designed to detect oxygen deficiency and presence of toxic gas in the ambient environment. SGT-P is the replaceable type of a gas sensor and battery. When activated, SGT-P continuously monitors ambient air for the presence of a specific gas and alerts the user to potentially unsafe exposure with LED, vibrating, and audible alarms in the events that gas concentration exceeds alarm set points.

### Key Features

- ▶ Sensor and Battery Replacement
- ▶ Power on / off available
- ▶ Configuration via exclusive IR Link
- Excellent water / dust proof structure
- Automatic checking of the sensor trouble
- High performance audible and vibrating alarm
- Automatic logging of 30EA events
- Easy calibration through Docking Station



# INDUSTRIAL SAFETY

## Traffic Cone

- Highly visible traffic cone help to warn hazards on site and roads. It offers an economical and convenient way of barricading off a stretch of work site or road.
- Color: Orange with reflective sleeve
- Size: 18", 24", 30"



## Utility Catcher™ Clip KE-OMS/UHC

- The Utility Catcher™ clip slips over a belt or heavy waistband
- Originally designed as an easy and convenient way to keep up with a hard hat when not in use
- A multipurpose clip that can be used to keep up with tools or other PPE items
- Color: Orange, Yellow, Green, Blue



## 1939 Glove Guard® Glove Clip KE-1939

- The Glove Guard® clip is the original glove clip and the only one with the patented safety breakaway design. For over ten years it has proven that its implementation can drastically reduce glove replacement costs and hand injuries because workers will have their gloves with them when needed. It weights just 3/4oz and measures 4.5" long and is made from an
- engineered grade material that holds its memory, resists flex fatigue, is non-conductive and non-corrosive.

Color: Blue, Red, Green, Yellow



## Safety sign

Industrial safety sign spell out the specific actions to avoid, to look out for and action to be taken to ensure safety.

Available in:

- Self-adhesive vinyl
- Aluminium
- Acrylic plastic



## Support Belt SW-2910-SB-9308

Safeware back support belt provides comfortable relief from lower back strain when proper lifting techniques is adopt

- Extra wide 1.2" width suspenders
- Fully enclosed spring steel for flexible, contoured support
- Easy adjustable elastic outer panels for added lower back support
- Comfortable
- Ergonomically designed

Color: Black  
Size: S (28" - 36")  
M (34" - 38")  
L (36" - 42")  
XL (40" - 45")  
XXL (43" - 47")





## Quebee Fire Blanket QB-3900-FB44

QUEBEE Fire Blankets are used extensively in household, commercial and industrial premises as it is an ideal fire protection tool especially in kitchens and work areas.

### Technical Specifications :

- Fabric Material : Glass Fibre
- Fabric Weight : 430g/m<sup>2</sup>
- Fabric Thickness : 0.43mm
- Fabric Colour : White
- Weave Method : Twilling Weave
- Temp. Resistance : 500°C
- Packing : Red Plastic Box
- Standard Comply : BS EN : 1869



The blankets are of woven glass fibre fabric in a satin weaved, i.e. smooth, soft and tightly weaved, which protects against skin irritation. The fabric thickness is only 0.43mm, which can easily be wrapped around uneven surfaces; it provides an effective outer layer protection against unwanted contact with heat.

Model	Blanket Size	Box Size (L x W x H)	Weight
QB-3900-FB44-4X4	1.2m x 1.2m	4ft x 4ft	0.7 kg
QB-3900-FB44-4X6	1.2m x 1.8m	4ft x 6ft	0.8 kg
QB-3900-FB44-6X6	1.8m x 1.8m	6ft x 6ft	1.2 kg

The Fire Blankets are each packed in a compact Hard Plastic Box for ease of storage and handling. Mounting holes are also provided for wall hanging.

## QB Surgical 3-Ply Mask QB-CN102-3P

- Without Glass Fibres
- Hypoallergenic
- Low Resistance to Breathing
- Nose Bar Adaptable
- High Filtration Capacity
- Perfect Fitting

### Conformity

- BFE >98%
- EN14683
- American ASTM F2100 Level 2
- Cytotoxicity: ISO 10993-5:2009(E)
- Sensitization: ISO 10993-10:2002/AMD 1:2010
- Irritation: ISO 10993-10:2002/AMD 1:2010
- A HSA Registered Product



# INDUSTRIAL SAFETY

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Tyvek fabric is tough, yet extremely light and soft. Tyvek is made for millions of fine, continuous fibres of high density polyethylene that flash-spun and head-bonded into a fabric that is permeable to air and water vapour. Tyvek breathes, yet repels water based liquids and aerosols. It blocks particles and fibres down to sub micron sizes. Plus it's non-linting and silicon free.



Tyvek Boot Cover  
DP-14444

- Height: 16.5" elastic top
- White colour
- One size fits all



Tyvek Shoe Cover  
DP-14440

- Come with elastic top
- White colour
- One size fits all



Tyvek Lab Coat  
DP-14300

- Snap closure
- Long sleeves
- White colour
- Size: S,M,L,XL

## CPE shoes cover [SW-CN506](#)

- Made of low density CPE film making them liquid impervious and lint-free
- An economical alternative when a low particulate material is needed to protect against splash



## Non-woven accordion clip bouffant cap [SW-CN215](#)

- Non-woven polypropylene spun bounded material
- Elastic headband offers a light weight, comfortable and non-slip fit



## Non-woven peaked cap with elasticated snood [SW-CN201](#)

- Made of spun bonded polypropylene
- Back-elastic cap with snood for total hair cover



## Non-woven bouffant cap with peak [SW-CN202](#)

- Made of spun bonded polypropylene
- With non-woven peak





## First Aid Kits for Industrial Health

Contents	Box A	Box B	Box C
	For 25 Workers 30.5 x 21 x 12 cm	For 50 Workers 35 x 26.5 x 12 cm	For 100 Workers 39.3 x 30.5 x 12 cm
	Quantity	Quantity	Quantity
Absorbent Gauze 10's	5	10	15
Basic advice on First Aid at work	1	1	1
Crepe Bandage 2" (5cm)	1	2	4
Crepe Bandage 4" (10cm)	1	3	6
Disposable Gloves (Pairs)	2	2	4
Disposable Resuscitation pack	1	1	2
Europlast 10's	2	4	4
Eye Pad (Sterile)	2	4	6
Eye Shield	2	4	6
Hypoallergenic Tape	1	1	2
Pen Torch Light	1	1	1
Safety Pin 12's	4	4	6
Dressing Scissors	1	1	1
Triangular Bandage	4	4	6

NB. Sterile saline/ water is only recommended for places with no water supply

Recommended minimum contents of First Aid Box by the Ministry of Manpower (MOM)

Box A - For use where the no. of workers does not exceed 25

Box B - For use by every 50 workers

Box C - For use by every 100 workers



## First Aid Kits for Workplace

Contents	Box No 1F	Box No 2F	Box No 51F
	For 10 Workers 30.5 x 21 x 12 cm	Exceed 10 but does not more than 50 35 x 26.5 x 12 cm	Not exceed 50 39.3 x 30.5 x 12 cm
	Quantity	Quantity	Quantity
Absorbent gauze 10's	1	2	2
Acriflavine solution	1	1	1
Antiseptic cream	1	1	1
Antiseptic solution	1	1	1
Basic advice on first aid at work	1	1	1
Constrictive bandage	1	1	1
Cotton ball 10's	1	2	2
Crepe bandage 2"	1	2	2
Crepe bandage 3"	1	1	1
Disposable glove (Pair)	2	3	1
Disposable resuscitation pack	1	1	1
Dressing forceps	1	1	1
Dressing scissors	1	1	1
Europlast 10's	2	3	4
Hypoallergenic tape 1/2"	1	1	1
Povidone iodine solution	1	1	1
Safety pin 12's	1	2	2
Singlefix finger dressing (Sterile)	2	4	2
Surgifix size 1-2	2	4	2
Surgifix size 3-4	1	2	1
Surgifix size 5-6	1	2	1
Triangular bandage	2	4	4
Ammonia Inhalant			4
Conforming bandage 2"			2
Conforming bandage 3"			2
Conforming bandage 4"			1
Hypoallergenic tape 1"			1
Shears			1
Emergency eye wash bottle			1

\* Sterile saline/ water is only recommended for places with no water supply

Box 1F - For use in work place where the number of person employed does not exceed 10

Box 2F - This complete kit is for use in work place where the number of persons employed exceed 10 but does not exceed 50. Where more than 50 persons are employed, an additional cabinet every additional 50 persons should be provided

Box 51F - This complete kit is for use in work place where the number of persons employed does not exceed 50- where First Aiders are available and where a comprehensive First Aid kit is required. This portable kit is recommended for building sites, road construction sites, quarries and oil and gas explosion sites

LC-FA-BOX-A-NEW

Box A



LC-FA-BOX-B-NEW

Box B



LC-FA-BOX-C-NEW

Box C



LC-FA-BOX-1F

No 1F



LC-FA-BOX-2F

No 2F



for