

# RESGUARDO™

DON'T LEAVE  
ANYONE BEHIND



## CONFINED SPACE EMERGENCY MANAGEMENT TROLLEY



# RESGUARDO™

One of the biggest challenges faced by facility/ EHS managers is the effective management of confined spaces in their premises. The presence of toxic gases, chemicals, flammable/combustible gases and vapors as well as lack of lighting and high level of noise in a confined space can worsen the situation. Hence, it is necessary to have an emergency alerting mechanism as well as SOP's and proper life safety equipment such as gas detector, tripod winch, blower, SCBA, first aid kit, intrinsic torch, 02 kit and stretcher close to the confined space area.

Emergency management confined space trolley is an innovative product which carries all the life safety equipment required for confined space and also has a siren & emergency call point; on pressing of which, a loud alarm is sounded & simultaneously 5 SMS messages and calls are sent to 5 prefixed senior safety/ security officials in charge of safety using GSM SMS system alerting them about the emergency that has occurred in the confined space. This trolley can be moved easily on the floor and in case of steps or rough surfaces it can be lifted and carried with the help of handles on either sides of the trolley. It also has a pouch to hold important documents, work permits and a flashing light which indicates that work is under progress in the confined space area.



## USP:



**Flash Alert**



**Loud Siren Alert**



**Equipped with Call & SMS Alerts**



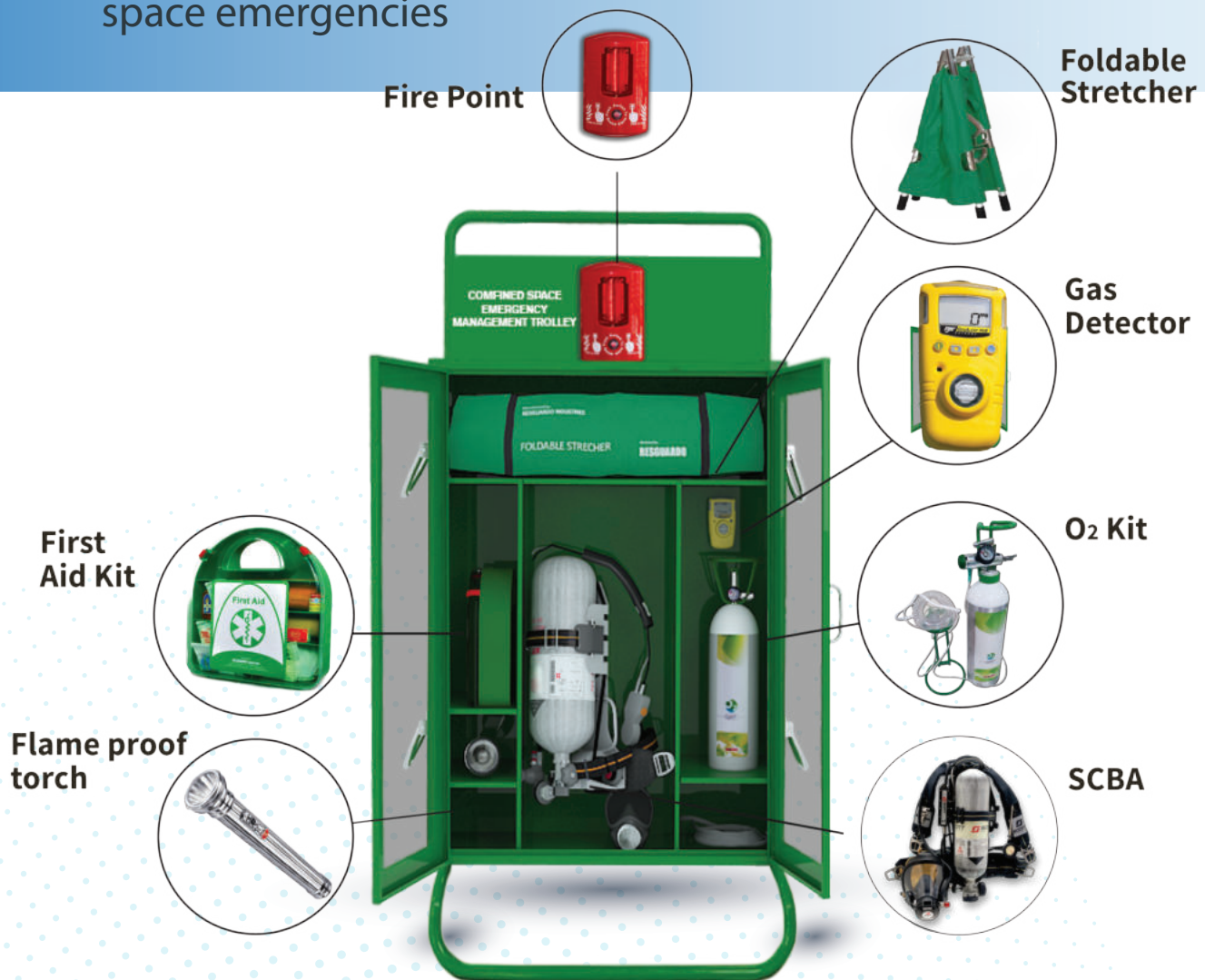
**Easily movable to the area of confined space entry**





# All-In-One

Trolley to handle confined space emergencies



**Fire Point**

**Foldable Stretcher**

**Gas Detector**

**O2 Kit**

**SCBA**

**First Aid Kit**

**Flame proof torch**

## Tripod and Winch

Tripod is a confined space equipment used for working safely in confined spaces like vessels, tanks, tunnels, pits, manholes etc. It is necessary that this equipment operates quickly and accurately. This lightweight and portable tripod is ideal for confined space operations. They can be easily shifted from one location to another and can be installed by just one person. It consists of aluminum telescopic legs that can be adjusted as per individual requirement to suit the entry into the confined space. These legs have slip resistance pads below them.



## Blower

High output from a compact axial blower, designed for easy use and storage without sacrificing airflow. Available as blower only or complete unit with 15' (4.75 m), 25' (7.62 m) or 50' (15.2 m) of ducting and storage canister. Canister attaches to intake or output of blower for suction or ventilation. Certified to CSA Standard C22.2 No.113.



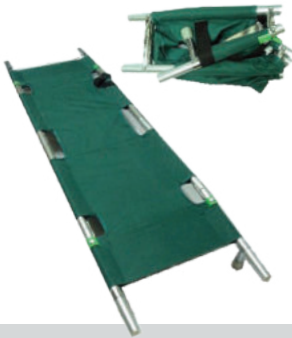
## O<sub>2</sub> Kit

O<sub>2</sub> Kits are versatile and designed to provide your staff and/or patients with protection in the case of any medical Emergencies, from fainting to cardiac arrest. They provide life saving supplementary oxygen supply while also reducing pain and Discomfort.

### Why Is It Necessary?

Oxygen: The difference between life and death

Accidents can happen anytime anywhere and timely help can make a huge difference between life and a medical disaster. Any medical emergency, even minor ones, can cause hypoxia or insufficient oxygen supply to the tissues which can cause Pain, discomfort and possibly even death. Therefore, it is important to have effective medical aids in place, while waiting for the Ambulance to arrive.



## Foldable Stretcher

The 4 fold stretcher is an innovative product which can be of immense use in a medical emergency especially where an immobile, conscious or unconscious person has to be shifted to the ambulance or hospital. It is made of lightweight aluminium alloy and a metal body which is PVC coated and has a polyster sheet with a gripper for better handling.



## First Aid Kit

The First AID Kit- portable is very attractive and made of ABS plastic in different colors with a transparent ABS plastic cover through which the contents of the first aid kit are partially visible. It is customised with internal partitions to keep the contents in order. The first-aid kit is very handy and portable and can be easily removed from the trolley and taken to the accident site in a medical emergency so that first aid can be administered effectively.

### Features:

- ABS Plastic Body- Light in weight
- Transparent Cover- Visible Contents
- Portable- Can be taken to site of Medical Emergency



## SCBA

Self-contained breathing apparatus comprises of fiberglass carbon composite cylinder with FR back plate carrying harness, demand valve, positive pressure full face mask, pneumatic system containing a reducer with integrated cylinder connector, pressure gauge and warning whistle with 270 to 300 bar pressure and having a capacity of 6.8L with a working duration of 45 minutes .

In case any emergency situation arises in the confined space work area the rescue operation has to be attempted only after donning the entire SCBA unit along with all the necessary PPE's. In any suspected unsafe confined space area it is advisable to donn the SCBA before entering into that confined space work area.



## Gas Detector

This device detects and estimates the presence of gases such as O<sub>2</sub>, CO, H<sub>2</sub>S and LEL .

- Best solution for confined spaces & hazardous environment.
- Record keeping is accurate and easy with automatic event logging
- Exceptionally low cost of ownership
- Full function self-test of sensor, battery status, circuit integrity and audible/visual alarms.
- Bright wide-angled visual alarm bars.
- Built-in concussion-proof boot, Water-resistant.



## Flame proof torch

This is an explosion proof torch, intrinsically safe even in inflammable atmosphere. It is made of seamless solid drawn heavy section super-gloss nickel plated brass. It is EXP 3 type with 3 cell capacity.

The use of flame Proof torch for confined spaces greatly reduces the risks of explosion related to explosive gases such as propane, methane, and flammable dust particles.

Manufactured by

**RESGUARDO™**

Marketed by



**USHA ARMOUR PVT . LTD.**

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