



## CSE Self Contained Self Rescuers

### SR-100A 40 Minutes Rated Duration



**MDR 089439-2 BA**

2.5 kg

20cm x 10cm x 14cm

Deliverable Oxygen: 100 Litres

### *Lightest SCSRs on the market!*

- Both models have identical donning technique.
- Compressed oxygen self starter (not a candle).
- Suitable for cache use.
- Unique **ASMD Non destructive test** facility ensures chemical bed is intact.
- Storage temperature indicator.
- Two moisture indicators.
- Anti fog goggles supplied as standard.
- Supplied complete with carrying pouch.
- Rugged stainless steel enclosure.
- Over 100,000 units manufactured.
- 10 litre anti static breathing bag.
- Has latest Australian 2001 approval.
- Compact and lightweight.



### *Features: Reliability Plus Comfort*

- Bi-Directional breathing eliminates potential for leaky check valves.
- Volume activated relief valve allows venting of only CO<sub>2</sub> rich exhaled air to minimise the need for scrubbing capacity.
- Compressed oxygen for quick start-up, eliminating potential for perchlorate candle start-up failure.
- Goggles supplied have chemically treated, laminated lens to greatly reduce or eliminate lens fogging.
- SR-100A Recognised by R & D Magazine as one of the Top One Hundred New Products in the World in 1991.

Safety Equipment

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### ASMD: Non Destructive Test Facility

- The ASMD unit is small and portable and can be performed in situ by a trained mine operator or by Austdac personnel.
- The ASMD system, developed over several years of practical testing, enables an accurate assessment of the condition of the chemical bed to be achieved.
- It uses an audio technique to accurately determine the condition of the self rescuer unit by measuring chemical bed degradation in a Non Destructive way.
- The benefits of ASMD are that each unit at a mine can be periodically checked to ensure that it still complies with the manufacturer's specifications.
- This gives reassurance that each tested unit WILL WORK when required to do so.



### The SR-T:

#### “Live Reusable Chemical Oxygen Training Unit” 10 - 15 minutes duration

- The SR-T is a purpose built oxygen self rescuer training unit.
- The SR-T can be assembled ready for use without tools.
- All symptoms of wearing an S.C.S.R. are simulated including elevated temperature, increased breathing resistance, elevated CO<sub>2</sub> and elevated oxygen are experienced in the 10 - 15 minute time frame.
- Personnel can experience wearing a self contained self rescuer in a cost effective manner.



Unit assembled



Disposable canister shown sealed



Inside canister (as used)

#### The SR-T comprises:

- 1 A set of re-usable parts.
- 2 A sealed disposable KO<sub>2</sub> canister.