

HEAD10 EMERGENCY SET



HEAD10 ESCAPE SET is a short duration, chemical oxygen breathing device, which is intended for a single emergency use, in areas of:

- Smoke
- Toxic contamination and
- Oxygen deficiency
- Potentially explosive atmospheres (when supplied in a carry case)

HEAD10 is available in the following options;

HEAD10 CC – Carry Case
HEAD10 WM – Wall Mounted

- Lightweight, 10 minute, hooded chemical oxygen set offering for user a simple. Effective and safe means of escape.
- Designed to provide maximum wearer protection against areas of smoke, toxic contamination and oxygen deficiency.
- Quick and easy to don.
- Excellent face seal.
- Can be supplied in a carry case or wall mount case.
- The carry case version can be used in potentially explosive atmospheres.
- Built in, 3 stage audible alarm system.
- Exceptional head protection.
- Clear panoramic visor for excellent field of vision.
- Clear voice communication.
- Storage integrity indicator for constant visual awareness of the unit's condition.
- Storage system allows the unit to be stored, with no maintenance costs, for an initial 6 years, and a further 3 years following a satisfactory validation test. If the set is used it can be returned to Semmco for reworking.
- Nil through life service costs and no support equipment.
- Training equipment and course available.
- The apparatus has been designed and tested in accordance with EN 13794, DIN 58639 and DIN 58652-1 where applicable, to demonstrate compliance with the essential safety requirements with EC Directive 89/686/EEC.

Instant Oxygen Supply

HEAD10 uses a starter candle to boost the initial start-up phase of the oxygen generation by inflating the breathing bag and purging oxygen into the KO2 generator cells located either side of the wearer's head.

Good Fit

For maximum protection, it is important that HEAD10 fits well and the carefully moulded oro nasal mask provides an excellent face seal.

Internal Cooling Mechanism

This mechanism is incorporated to provide necessary cooling for the breathing circuit whilst diffusing the air supply. Historically, chemical oxygen escape sets are warm to wear and breathe, HEAD10 overcomes these historical problems via the internal cooling mechanism that reduces the operational temperature.

Visual and Audible Alarm

These alarms provide the wearer with a three-stage audible and visual alarm sequence.

Stage 1: initiated on start up.

Stage 2: initiated after 66% of the effective duration.

Stage 3: initiated when the effective duration of the set has been reached.

Lightweight

HEAD10 is light and comfortable to wear because the generator cells that constitute to the majority of the weight are evenly. HEAD10 weighs 1.5Kg

Storage Integrity Indicator

HEAD10 is sealed in a container that incorporates an indicator providing constant visual awareness of the unit's integrity and condition. The system allows the unit to be stored, with no maintenance costs, for an initial 6 years and a further 3 years following satisfactory validation/re-certification test.

Storage and Carrying Systems

HEAD10 can be stored in a wall-mounted box or can be carried in a carry bag that is discarded when HEAD10 is donned.

Product configurations

Head10 in Wall Mounted Box

Size: 310 x 210 x 160

Weight: 3.3 kg

Head10 in Carry Bag

Size: 330 x 200 x 170

Weight: 2.4 kg



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