

## ► M20-2

### Compressed oxygen self-rescuer mask



#### Technical specifications

- Performance duration (operating):** 15 – 20 min
- Performance duration (at rest):** 32 min
- Donning time:** less than 10 seconds
- Weight:** 0.94 kg – with storage housing: 1.4 kg
- Dimensions:** 17 x 17 x 7.6 cm
- Storage temperature range:** -20° C to 65° C
- Available oxygen:** 27 Liters
- Repair/refurbish after use:** NO
- Service life:** 15 Years
- Oxygen delivery system:**  
Compressed at 256 bar, automatic valve, constant flow and demand regulated
- Visual inspection only (manometer readout):** Annual

Approvals	Approval Number	Duration
MSHA/NIOSH	TC-13F-269	10 min
CE	EN 400 and EN13794 (2002)	10 min
South Africa	GME/14/6 14/5	24 min
Australia	MDA BA 2804	18 min

#### Product description

The **M20-2** is the world smallest self-contained evacuation device. Compact, lightweight and with an ergonomic design, it can be comfortably belt worn or stored in a wall bracket. It instantly provides breathable air that is independent of the surrounding atmosphere, to a person escaping from toxic gas, particles or oxygen deficient atmosphere - up to 32 minutes of protection.

The **M20-2** can be donned in seconds; simply unlatch the case, pull out the unit, and insert the mouthpiece and nose clip.

The **M20-2** has been engineered for maximum safety. That's why users can quickly check the oxygen level through the transparent housing. Moreover, this device features a 15-year shelf life and only requires visual inspection. It is ideal for use in mines, tunnels, confined spaces and chemical plants.

#### Operating principle

Oxygen automatically flows when the device is pulled out from its housing. It is then breathed by the user through a mouthpiece from the breathing bag (or lung). Expired air goes through a lithium hydroxide scrubber that removes CO<sub>2</sub>. Refined air is then injected back into the breathing bag to get re-oxygenated to be breathed once again.

