M20-2
Compressed oxygen self-rescuer mask

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 CO2. Refined air is then injected back into the breathing bag to get re-oxygenated to be breathed once again.

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

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<tr>
<th>Approvals</th>
<th>Approval Number</th>
<th>Duration</th>
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<tr>
<td>MSHA/NIOSH</td>
<td>TC-13F-269</td>
<td>10 min</td>
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<td>CE</td>
<td>EN 400 and EN13794 (2002)</td>
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<td>South Africa</td>
<td>GME/14/6 14/5</td>
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