



## THE OCENCO M-20 SCSR PUTS LIFESAVING OXYGEN AT ARM'S REACH.

**At 17 cm square, 7.9 cm thick and 1.5 kg, the Ocenco M-20 is the smallest self-contained self-rescuer in the world!**

This compact, ergonomically designed SCSR isolates the user's lungs from the surrounding atmosphere and utilizes compressed oxygen to provide respiratory protection for up to 32 minutes.

But that's not all! The M-20 can be donned in seconds. To activate, simply unlatch the case, pull out the unit, apply the nose clip and mouthpiece, and start breathing.

The Ocenco M-20 was designed with safety in mind. That's why the user can quickly check the oxygen supply through the clear case. What's more, the durable M-20 can be refurbished for



*Compact, light, and ergonomically designed, the M-20 can be comfortably worn in confined spaces.*

up to 15 years, and is perfect for use in mines, tunnels, confined spaces and chemical plants.

The Ocenco M-20. It's not only the world's smallest SCSR, it's a life preserver you wear on your belt.

## THE WORLD'S SMALLEST SELF-CONTAINED SELF-RESCUER

*The user can quickly and easily verify the oxygen supply by viewing the pressure gauge through the clear carrying case.*



### THE M-20 IS:

**Extended respiratory protection** – provides up to 32 minutes of respiratory protection.

**Belt wearable** – so light and compact it can be worn comfortably on a belt.

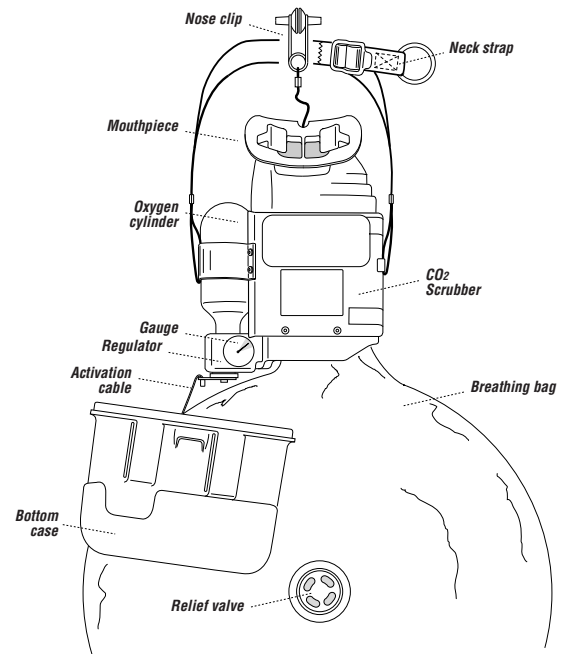
**Easy to use** – simply pull the unit out of the case to start oxygen flow.

**Quick verification of oxygen supply** – user can quickly verify oxygen supply by viewing the pressure gauge through the clear case.

**Superior to Filter Self-Rescuers** – The M-20 protects the users from oxygen deficient atmospheres as well as toxic gases and particulates.

# M-20 PHYSICAL CHARACTERISTICS AND PERFORMANCE DATA

Approvals	Approval Numbers	Approval Duration
MSHA/NIOSH	TC-13F-269	10 Minutes
Australia (applicable standard)	SMKH21694 AS/NZS 1716:2003	15 minutes
CE	CE 0194/EN 13794:2002	15 minutes
China	MLA080029	15 minutes
Performance duration	15-20 minutes	
Rest duration	32 minutes	
Time to don/activate	8 seconds, or less	
Weight	1.5 kg (3.3 lbs) Total weight .86 kg (1.9 lbs) Donned weight	
Dimensions	18.3 cm x 16.5 cm x 7.9 cm (7.2" x 6.5" x 3.1")	
Storage temperature range	-12° C to 60° C (10° F to 140° F)	
Liters of oxygen available	27	
Repair/refurbish after use	Yes	
NIOSH service life	15 Years	
Oxygen delivery system	Compressed oxygen Automatic valve Constant flow/demand regulated	
Cylinder pressure	265 Bars (3850 psi)	
CO <sub>2</sub> Scrubbing material	Lithium hydroxide	
Inspection	Visual	



## THE M-20 CIRCUIT

Oxygen flow begins when the M-20 is pulled from its case. Oxygen is inhaled through the mouthpiece from the breathing bag. Breath is exhaled through the mouthpiece into the CO<sub>2</sub> scrubber. Scrubbed breath enters the breathing bag and is mixed with oxygen from the oxygen cylinder.

## ACCESSORIES

**M-20T Trainer** – complete with two extra mouthpieces. Teaches donning from both the worn and stored position.

**M-20 Belt (Part No. 930021)** – 5.1 cm (2") wide belt with accessory strap.

**M-20 Belt Extender (Part No. 930022)** – uses hook and loop fasteners to wrap around the M-20, securely holding the M2-20 on the wearers belt.

**M-20 Pouch (Part No. 930023)** – Rugged nylon with a large belt loop.



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