

# DEZEGA SELF CONTAINED SELF RESCUER 1PVM KS

The 1PVM KS is 60-minute nominal rated duration apparatus according to EU Type Examination Certificate of compliance with PPE Directive (EN 13794:2002) Self-contained self-rescuer provides the worker with the breathable air for 60 minutes of active escape from the irrespirable atmosphere, or 180 minutes of waiting time.

It is used for long-haul route evacuations and is suitable for everyday carrying on a shoulder belt or for storage in rescue chambers and changeover stations. The device is used in the most hazardous condition



## CHARACTERISTICS AND ADVANTAGES

- Simple and quick donning procedure
- Donning illustrations on the case
- Sturdy cylindrical case
- Starter device launches automatically when the lid is removed
- Equipped with the anti-fogging goggles
- Training kit available for practicing donning and breathing techniques
- On-top position of breathing bag in compact size

## AVAILABLE FOR ORDER

- 1 PVMKS
- TRAINER
- Standard shoulder belt
- Leak testing device PGS-2

Users can learn how to operate the 1PVM KS unit by practicing donning procedures, breathing conditions and escape with the self-rescuer TRAINER, which can be optionally supplied with 15-, 35- and 60-minute spare disposable training regenerative cartridges or disposable kits for practice.

## TECHNICAL DATA

Rated duration in accordance with EN13794:2005 - at 35 l/min (escaping from dangerous environmental) - at 10 l/min (waiting for help)	60 min 180 min
Breathing resistance (to inhalation or exhalation) during operation, max	0,75 kPa
Inhaled gas temperature, max	50 °C
Volume of oxygen in the inhaled gas,	21% <sup>1</sup>
Average volume of carbon dioxide in the inhaled gas throughout the rated working duration	1,5% <sup>2</sup>
Volume of breathing bag	6 L
Overall dimensions (without shoulder strap) - Diameter - Height	152 mm 262 mm
Weight	3,0 kg
Temperature for usage	-6 °C to +60 °C
Relative humidity (at +35 °C)	Up to 100%
Ambient pressure, max	133,3 kPa
Shelf life	10 year
Service life (within shelf life)	5 year <sup>3</sup>

- 1 Short-time decrease of oxygen volume fraction in the inhaled gas down to 17% is allowed during the first two minutes after a self- rescuer activation
- 2 Short-time increase of carbon dioxide volume fraction in the inhaled gas up to 3% is allowed during rated working duration
- 3 Under the following conditions:
  - Performing of periodical inspection
  - Upon cashed storage

