

MINIATURIZED COMPLETE OXYGEN SOLUTION

The MiCOS is a full autonomous oxygen system for HAHO/HALO missions, offering the ability to board on any type of aircraft without regard to the aircraft preparation. Fully compatible with any type of parachutes, the MiCOS is composed of a pre-breathing bottle HiPUB (1 or 2 liters) connected to the individual bottle, both being attached on each side of the parachute.

KEY FEATURES

- Lightweight
 - Dilution & regulation in accordance with the STANAG 7056.
 - Adaptable to any type of aircrafts (no aircraft preparation).
 - Compatible with any type of parachutes, attached on each side of the parachute (for example).
 - Hose with quick connector: bayonet type.
 - When the ascent bottle is empty, the system switches automatically to the individual bottle.
 - No disconnection operation before the jump.
 - HAHO/HALO missions, GPS guided and aerial delivery mission without cargo bay oxygen preparation.
- MiCOS is composed of:
 - 1 pre-breathing bottle HiPUB (High Pressure ULMER Bottle) 1 or 2 liters with 4,350 Psi or 300 bars technology providing between approx. 40 and 80 minutes 100% oxygen (300 and 600 liters),
 - 1 UPOS (ULMER Parachutist Oxygen System), 2 x 0.8 or 2 x 1 liter providing between 60 and 75 min oxygen (qualified up to FL350),
 - 1 hose connecting the both systems with an integrated blinker to control the oxygen flow,
 - UPOM (ULMER Parachutist Oxygen Mask), 3 sizes available, 270 grs, microphone and plug equipped, anti-icing device, on demand flow.



UPOS: Twin bottles with dilutor and regulator systems integrated.

SPECIFICATIONS

- Pressure indicators on each bottle.
- Integrated blinker on individual bottle.
- Max oxygen autonomy (depending on average consumption):
 - 40 minutes with HiPUB 1 liter,
 - 80 minutes with HiPUB 2 liters (60 min Pre-breathing required at FL350 according to STANAG 7056).
- Attachment pouches adaptable to any type of parachute (CPS, ZODIAC, CIMSA, AIRBORN SYSTEM, AIR-POL, CIMSA, PARATEC).
- Mask fully compatible with any ballistic helmets (OPSCORE, ARCH, etc.).



HiPUB 1L or 2L 4,350 Psi.

MiCOS BY ULMER

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