

# FUTURE-READY PORTABLE LIFE SUPPORT SYSTEM

## MOVES<sup>®</sup> SLC<sup>™</sup>

MOVES<sup>®</sup> SLC<sup>™</sup> is a micro-integrated life support system, which combines an O<sub>2</sub> concentrator, a unique O<sub>2</sub>-conserving ventilator, suction, and complete vital signs monitoring into a single, compact, portable, battery-operated device.

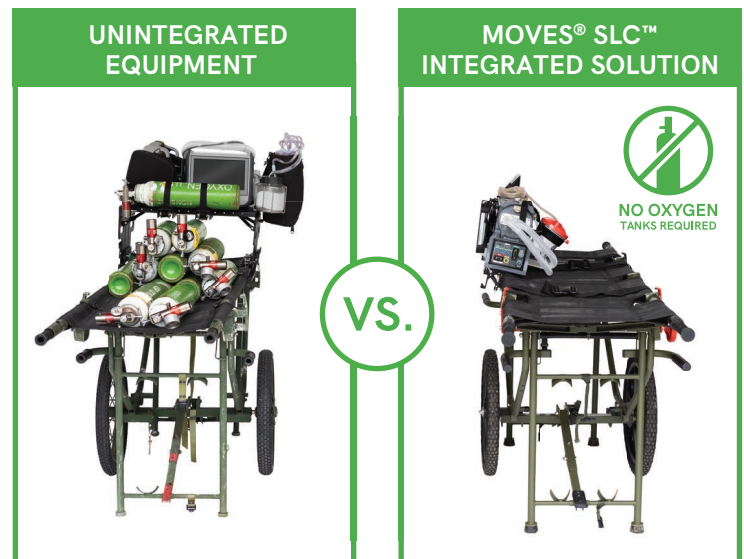
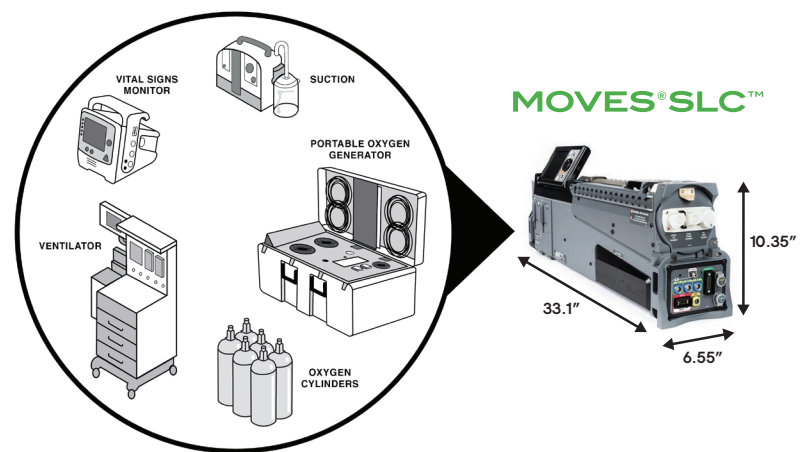
Thornhill Medical's patented circle-circuit ventilator, in combination with the integrated O<sub>2</sub> concentrator, means MOVES<sup>®</sup> SLC<sup>™</sup> can effectively eliminate the need to carry heavy, bulky and dangerous high pressure O<sub>2</sub> cylinders.

How? A high FiO<sub>2</sub> can be maintained with low flow O<sub>2</sub>, as the patient rebreathes their exhaled O<sub>2</sub> through MOVES<sup>®</sup> SLC<sup>™</sup>'s innovative circle-circuit ventilator.

### Advantages of MOVES<sup>®</sup> SLC<sup>™</sup>:

- Provides standard of care oxygen therapy for critically ill patients without high pressure O<sub>2</sub> cylinders.
- Simplifies patient care, as patient monitoring, ventilation, suction and oxygen concentration functions are controlled through a single device, with a single user interface, and powered by battery or a single external power source.
- Will operate in all transport platforms and provide the attending healthcare provider complete access to the patient.
- May reduce cube and weight by over 70%, making forward-deployed medical personnel more mobile and efficient, and ultimately improving patient outcomes in austere and challenging environments.
- Is approved for use with adult and pediatric patients.

## MOVES<sup>®</sup> SLC<sup>™</sup> Micro-integrated Life Support



# MOVES<sup>®</sup> SLC<sup>™</sup>

## FEATURES

### Physiological Monitoring:

FiO<sub>2</sub> / ETCO<sub>2</sub> (+Capnography) / ABP / CVP / ICP / NIBP / Masimo<sup>®</sup> SpO<sub>2</sub> (+Optional Masimo<sup>®</sup> Rainbow<sup>®</sup> SET Parameters) / 3 and 12 Lead ECG / Patient Temperature (x2); Patient data trends up to 24 hours

### Oxygen Concentrator:

FiO<sub>2</sub> up to 85% (independent of minute ventilation) for ventilated patients in cyclic mode; FiO<sub>2</sub> greater than 85% (independent of minute ventilation) for ventilated patients in continuous mode; up to 93% O<sub>2</sub> in concentrated breathing gas at 2.5 LPM for non-ventilated patients

### Ventilator:

IMV / SIMV / SIMV+PS / AC / PSV / APRV (Pressure or Volume Control)

### Suction:

-100 to -325 mmHg

## SPECIFICATIONS

**Weight:** 18.12 kg (39.95 lbs.) excl. batteries/hydrocarbon filter

**Battery Weight:** 1.5 kg (3.3 lbs.) each

**Dimensions:** 84.1 cm (33.1") L x 16.6 cm (6.55") W x 26.3 cm (10.35") H  
excl. hydrocarbon filter

**Body Material:** Aluminum

**Temp-Operating:** -26°C to 54°C (-14°F to 129°F)

**Temp-Storage:** -26°C to 60°C (-14°F to 140°F)

**Water Ingress:** IPX4

**Humidity:** 15% - 95% RH non-condensing

**Altitude:** 0-5.5 km (0-18,000 ft.)

**Vibration:** Tested to MIL STD-810H and US Army Joint Enroute Care Equipment Test Standard (JECETS) for rotary-wing, fixed wing and jet aircraft as well as ground transportation vehicles.

**Power:** 100-240V AC 50/60Hz or battery power

**Battery:** Lithium polymer: Minimum: 2.5 hrs / set of 2.

CE<sub>2797</sub> FDA Cleared 

## CONTRACTS

### DLA Troop Support

NCME Contract: SPE2D1-24-D-005  
Administrative ECAT Contract: SPE2D1-24-D-A001  
ECAT Catalog ID: 6158 | Price Group ID: 12216

### Special Operations Equipment (SOE)

DLA TLS Program: SPE8EJ-21-D-0020\*

### Fire and Emergency Services Equipment (F&ESE)

DLA TLS Program: SPE8EH-20-D-0001\*

### GSA Advantage

Contract: 47QSM19D08Q1\*

\*Available Through Prime Vendor ADS Inc.



Remote Control  
Display Module

Durable and  
Impact-resistant  
Pelican Case

12855-E

**THORNHILL  
MEDICAL**  
Inspiring Innovation

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