

EO-150

Life support ventilator



Inspiring each breath

 **Air Liquide**
HEALTHCARE

EO-150

A complete solution



Introducing the EO-150: the ultimate ventilation solution for patients weighing 3,5 kg and above. With versatile modes like C-FLOW* and MPV**, it offers tailored respiratory support for every need.



Stay connected with the EO-150, offering intuitive connectivity features for effortless data monitoring and remote management, ensuring optimal patient care anytime and anywhere.



The lightest option for enhanced mobility, combining with a whisper-quiet ventilation providing tranquility and low maintenance costs for ideal patient care.

*Continuous Flow mode that provides high-flow humidified therapy up to 60 LPM.

**Mouthpiece Ventilation.



EO-150

The EO-150 is designed to ventilate patients from 3.5 kg, thanks to the “Newborn Trigger Option”, developed to provide the optimal care for pediatric patients.

Pediatric ventilation demands vigilant monitoring for optimal outcomes.*

EO-150 offers Advanced Monitoring with optional accessories:

- CO₂ Transcutaneous Monitoring (tcCO₂) with Sentec
- Oximetry Monitoring (SpO₂) via Nonin XPOD cable
- FiO₂ Monitoring (FiO₂) through dedicated cable



Sentec Monitor with a tcCO₂ sensor



Nonin XPOD cable for SpO₂



FiO₂ monitoring cable



*Khirani S. et al. Follow-up and monitoring of children Needing Long Term Home ventilation. Front Pediatr. 2020 Jun 22;8:330.

Functional specifications

| Settings | Valves modes (A)VCV - (A)PCV - PSV - PSV-VT - V-SIMV - PSIMV | | Leak modes CPAP - PAC - S(T) - VTS - C-FLOW | | Mouthpieces modes MPV - MPP | |
|----------------------|--|--------------------------|--|---------------------|--------------------------------|--------------------------|
| | Adult | Pediatric | Adult | Pediatric | Adult | Pediatric |
| VT (ml) | 300 - 2500 | 30 - 600 | OFF / 300 - 2500 | OFF / 30 - 600 | 300 - 2500 | 100 - 600 |
| PEEP (mbar) | OFF / 1-25 | OFF / 1-20 | - | - | - | - |
| CPAP (mbar) | - | - | 4 - 20 | 4 - 20 | - | - |
| IPAP (mbar) | - | - | 6 - 50 | 6 - 50 | - | - |
| EPEP (mbar) | - | - | 4 - 25 | 4 - 20 | - | - |
| Flow ramp | Square / Decelerating | Square / Decelerating | - | - | Square / Decelerating | Square / Decelerating |
| Rate (c/min) | 5 - 60 | 5 - 80 | OFF / 5 - 60 | OFF / 5 - 80 | OFF / 5 - 60 | OFF / 5 - 80 |
| I. Time (sec) | 0,3 - 2,5 | 0,3 - 2,5 | 0,3 - 2,5 | 0,3 - 2,5 | 0,3 - 2,5 | 0,3 - 2,5 |
| I. Trig | OFF / AUTO / 1-5 | OFF / AUTO / 1-5 | OFF / AUTO / 1-5 | OFF / AUTO / 1-5 | AUTO / 1-5 | AUTO / 1-5 |
| E. Trig (%) | AUTO / 10 - 90 | AUTO / 10 - 90 | AUTO / 10 - 90 | AUTO / 10 - 90 | - | - |
| Pres. Control (mbar) | 5 - 49* | 5 - 49* | - | - | 5 - 49* | 5 - 49* |
| Pres. Support (mbar) | 5 - 49 | 5 - 49 | - | - | - | - |
| Pres. Ramp | 1 - 5 (100 - 500 ms) | 1 - 5 (50 - 250 ms) | 1 - 5 (100 - 500 ms) | 1 - 5 (50 - 250 ms) | - | - |
| I. Time Min (sec) | AUTO / 0,3 - 2,5 | AUTO / 0,3 - 2,5 | AUTO / 0,3 - 2,5 | AUTO / 0,3 - 2,5 | - | - |
| I. Time Max (sec) | AUTO / 0,3 - 2,5 | AUTO / 0,3 - 2,5 | AUTO / 0,3 - 2,5 | AUTO / 0,3 - 2,5 | - | - |
| C-Flow (L/Min) | - | - | 1 - 60 | 2 - 25 | - | - |
| Blas Flow (L/min) | - | - | - | - | OFF / 1-20 | OFF / 1-20 |

| | Physical specifications | |
|-----------|-------------------------|---------------------|
| | Docking | Module |
| Weight | 1.5 kg | 1.8 kg |
| Dimension | 25 x 21 x 13 cm | 24,5 x 14,5 x 10 cm |

* Pres. Max can be set up to 80 mb in VAC/MPV/SIMV modes.

References

| Description | Product Reference |
|-------------------|-------------------|
| EO-150 Ventilator | EO-150VNT |

Accessories:

| | |
|--|--------------------|
| Travel bag | EO-TRVELBAG1X0-EVO |
| Nomad bag | EO-NOMADBAG-EVO |
| Battery pack | EO-BATPCK |
| Battery bag | EO-BATBAG |
| Trolley | EO-TROLLEY |
| Nonin Xpod SpO ₂ cable | EO-SPO2CBL |
| FiO ₂ /FiO ₂ kit cable | EO-O2CELCLBL |
| Air Inlet Fine Filter (pack of 10) | EO-AIFF |
| Y Cable External Battery Coupling | EO-EXTBATCBL |

Scan here for
more information
on the website



Access the videos
on YouTube

Manufactured by

EOVE™
Hélioparc
4, Boulevard Lucien Favre
64000 Pau
France
www.eove.fr

 **Air Liquide**
HEALTHCARE

EOVE 

EO-150 provides continuous or intermittent ventilation support for adults and children weighing at least 3.5 kg needing mechanical ventilation, at home, in a facility or hospital, and in portable environments, for invasive or non-invasive ventilation
Medical device class IIb - CE 0459 - Manufactured by EOVE. Please read the user manual.