



HELAGO-CZ, s.r.o.
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EOLife X
Order code: **0905.A0000089**



Cena bez DPH	1.450,00 Eur
Price with VAT	1.754,50 Eur

Parameters	
Quantitative unit	ks

The ultimate tool for High Performance Ventilation training

Training tool allowing measurement and recording of insufflated volume, tidal volume, manual ventilation frequency, in real time, to practice ventilation in accordance with ERC and AHA recommendations. EOlifex enables training on adult and paediatric (> 1 year) manikins.

TWO TRAINING MODES. FOLLOW THE GUIDE OR TEST YOUR SKILLS.

Blind mode.

This mode records your ventilation sessions without visual guidance. Export your ventilation data via Bluetooth to measure your progress*.

Monitored mode.

This mode visually guides you through your ventilation sessions. Practice as if using an EOlifex.

* Requires the EOlifex Connect app, available on the Apple Store and Google Play Store.

TRACK YOUR SKILLS PROGRESS OVER TIME.

Thanks to the EOlifex® Connect app, you can download and save each of your Training sessions to allow Booster Training and Spaced Learning as recommended by AHA to improve CPR skills retention.

EOlifex® Connect app is the only solution that offers a detailed analysis of the ventilation parameters, thus allowing to focus on the areas to correct and improve.

COMPARISON MATRIX

	EOlifex	EOlifexX
Can be used on patients (CE marked, FDA cleared)	YES	NO
Can be used on a manikin	YES	YES
Possible deactivation of the leakage alarm	NO	YES
Type of patient / manikin	Adult	Adult / Child (>1 year)
Selection of ventilation mode (CPR/Continuous)	YES	YES
Recording and data export	YES (requires the EOlifex Connect MD application)	YES (Requires EOlifex Connect on Apple Store or Google Play Store.)
Type of sensor	Single-use (Flowsense)	Reusable (Flowsense X)
Accessories	Battery and charger included. (transport case and sensor to be purchased separately)	Battery, charger, transport case, and 1 sensor included

TECHNICAL SPECIFICATIONS

Dimensions (L x W x D)	130 mm x 75 mm x 30 mm
Weight	170 grams ±5 grams
Operating conditions	Temperature from 0°C (32° F) to +40°C (104° F) Relative humidity from 15% to 95% (non-condensing) Atmospheric pressure from 620 hPa (altitude of 4000 m) to 1060 hPa (altitude of -500 m)
Transient operating conditions (up to 20 minutes maximum)	Temperature from -20°C (-4° F) to +50°C (122° F) Relative humidity from 15% to 90% (non condensing)
Run time	min 5 hours
Ingress Protection against solids, dust, and water intrusion	IP44 (configuration in use, meaning the device connected to its battery and sensor)

Measurement accuracy

Volume measurements are based on FlowSense® sensor measurements and are expressed in mL for the BTPS (Body Temperature and Pressure, Saturated). The measurement accuracies of the parameters displayed on the screen are as follows:

- V_i (insufflated volume): $\pm 4.9\%$ of the actual measured value under normal conditions of use
- V_t (tidal volume): $\pm 5.5\%$ of the actual measured value under normal conditions of use
- Freq (ventilation frequency): ± 1 cycle per minute

FlowSense® data:

- Flow range: ± 250 slm (standard liters per minute)
- Dead space: < 10 ml

Note: Some types of BVM may affect the measurement accuracy due to their design (non-laminar outgoing airflow). A slight measurement deviation may be observed but has no impact on compliance with regulatory requirements.