



HELAGO-CZ, s.r.o.  
Commercial Register maintained by the Regional Court in Hradec Králové  
Section C, File 17879  
Kladská 1082  
500 03 Hradec Králové 3  
Company ID: 25 96 39 61, VAT: CZ 25963961  
Phone: 495 220 229, 495 220 394  
Fax: 495 220 154  
GSM gate: 602 123 096  
E-mail: [info@helago-cz.cz](mailto:info@helago-cz.cz)  
Web: <http://www.helago-cz.cz>

**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. EOlife X 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 EOlife.

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

## TRACK YOUR SKILLS PROGRESS OVER TIME.

Thanks to the EOlife® 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.

EOlife® 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

	<b>EOlife</b>	<b>EOlifeX</b>
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 EOlife Connect MD application)	YES (Requires EOlife 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):  $\pm 1$  cycle per minute

FlowSense® data:

- Flow range:  $\pm 250$  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.