



Cena bez DPH

1.700,00 Eur

Price with VAT

2.057,00 Eur

Parameters

Quantitative unit

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# Perfect your Tidal Volume delivery and improve survival

EOLife is the only ventilation feedback device to measure the actual volume of gas reaching the patient's lungs (tidal volume)

## WHY IS TIDAL VOLUME IMPORTANT?

A better tidal volume triples survival to discharge.

A better tidal volume quadruples the number of patients discharged in a good neurological state.

**Tidal Volume (Vt) is the volume of gas that actually reaches the patient's lungs and is based on the measurement of expiratory volume, inspiratory volume and leaks calculated during both phases.** ERC and AHA Guidelines recommend that adult cardiac arrest patients should be ventilated with a tidal volume of 6 to 8ml/kg of body weight. Insufflated Volume (Vi) cannot represent tidal volume as it does not take leaks into account.

60% of patients received less than 250ml of Tidal Volume in more than half of the compression pauses, mainly due to leakage resulting in a significant negative impact on survival.

### **The only ventilation feedback device (VFD) to measure the volume of gas reaching the patient's lungs (TIDAL VOLUME)**

CE-marked and FDA-cleared medical device enabling real-time measurement of insufflated volume, tidal volume, and ventilation frequency, along with visual feedback to deliver ventilation in accordance with ERC or AHA recommendations.

### **EASY TO USE. OPERATIONAL IN A FEW SECONDS.**

#### **1) Real-time measurement of the following parameters:**

Insufflated volume (Vi)

Tidal Volume (Vt)

Ventilation frequency (Freq.)

#### **2) Visual guide on the adequacy of insufflated volume**

#### **3) Intelligent alarm prioritization system**

## ACCURATE MEASUREMENTS. MONITOR THE QUALITY OF YOUR VENTILATIONS IN REAL TIME.

### **Vi**

Vi is the insufflated volume of air/oxygen measured at the output of the bag when you compress it.

### **Vt**

Vt is a precise estimation of the tidal volume, meaning the amount of air/oxygen that has entered the patient's lungs.

### **Freq**

Freq is a calculation of the ventilation frequency based on the trend of the latest ventilation cycles.

The tricolor bar graph indicates in real time whether each ventilation if the Vi is between 6 and 8 ml/kg

In 'continuous' mode, a countdown timer guides the user to maintain a frequency of 10/min

If the parameters are outside the tolerances, a visual alarm activates at the bottom of the screen

### **THE ULTIMATE CONNECTION. RECORD & TRANSFER YOUR DATA, MANAGE YOUR UPDATES.**

EOLife Connect MD app allows the recording and transfer of data with EOLife Medical Device. Ideal for event review, clinical trials and research.

**Robustness and reliability.**

Meeting the needs of healthcare professionals worldwide.

Ventilation data (Vi, Vt, frequency) is recorded cycle by cycle, allowing for unmatched analysis of manual ventilation.

**Compatibility and simplified updates. Export and visualize your ventilation data on every OS.**

EOLife Connect MD is compatible with Mac, PC, and Linux, enabling the export and visualization of EOLife data. Additionally, it offers quick updates in just one minute, significantly simplifying the user experience and ensuring your EOLife device is always equipped with the latest enhancements and innovations.