

# ExSpiiron

## NON-INVASIVE RESPIRATORY VOLUME MONITORING



PATIENT SAFETY IN YOUR HANDS

# NON-INVASIVE RESPIRATORY VOLUME MONITORING

Respiratory volume monitoring is applicable to use for all patients at risk of respiratory failure. It's suitable for all care areas and addresses the unmet need of non-invasive tidal and minute volume monitoring.

ExSpiron is the only non-invasive system that displays real-time minute ventilation, tidal volume, and respiratory rate, providing continuous monitoring of a patient's respiratory status.

With this unique technology, ExSpiron is able to detect early breathing pattern changes, enabling clinicians to make confident, data-driven decisions.

## UNIQUE MONITORING TECHNOLOGY

Respiratory rate, tidal volume and minute volume are standard monitored and controlled parameters in mechanically ventilated patients. ExSpiron uses a smart bioimpedance technology to continuously provide these vital parameters non-invasively for spontaneous breathing patients.

### Minute Ventilation (MV)

The amount of air someone breathes in a minute.



### Tidal Volume (TV)

The amount of air someone breathes in one breath



### Respiratory Rate (RR)

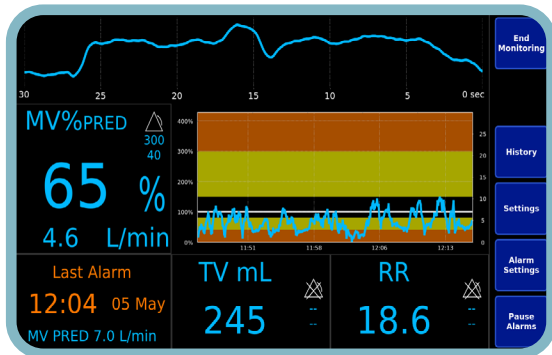
The number of breaths in a minute.



**Minute Ventilation = Tidal Volume x Respiratory Rate**

# EASE OF USE FOR INCREASED PATIENT SAFETY

ExSpiron features a compact freestanding monitor with an intuitive, easy-to-use graphical interface that displays measurement and trends for minute ventilation, tidal volume and respiratory rate.

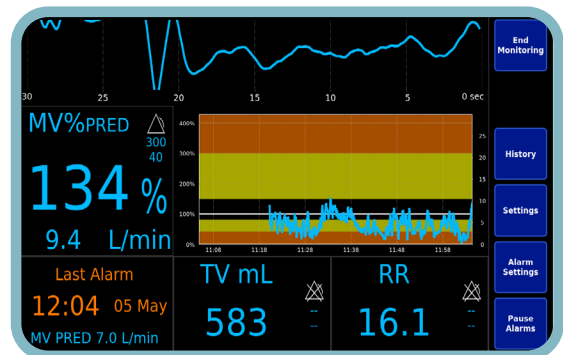


## EARLY

- Provides first indicator of change through measurement of minute ventilation
- Enables you to early detect respiratory change

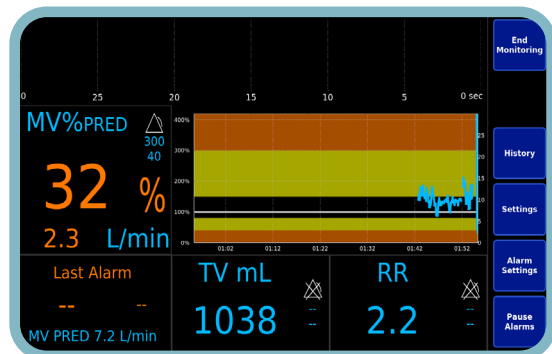
## ACCURATE

- Patient-individual predicted minute volume
- Displays patient trend data
- Uses algorithm for tidal volume calculation



## ACTIONABLE

- Reliable alarms
- Data-driven results, bringing confidence to the practice



# COMFORTABLE, SINGLE-USE SENSOR

## PadSet Sensor

- Adult and pediatric sizes
- Easy to position and adhere



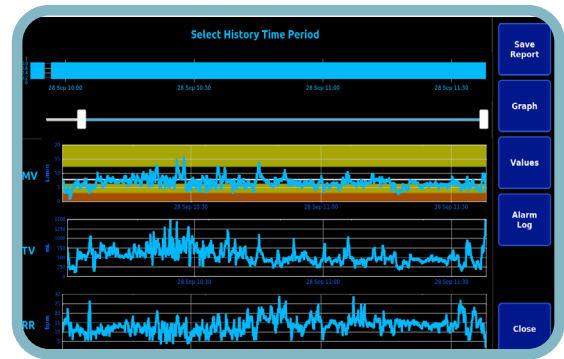
## CONNECTIVITY

ExSpiron can communicate with Philips IntelliVue and Capsule Vital Stream and is capable of displaying minute ventilation, tidal volume, and respiratory rate in real time.

## DATA EXPORT

With ExSpiron, it is possible to export data through USB. You are able to get the full history, screenshots and log files delivered as PDF or CSV files.

You can choose patient identified or anonymized data.



## PRODUCT ORDERING DETAILS

- ExSpiron 2Xi Monitor: RMI-54000
- ExSpiron Adult PadSet: RMI-51110
- ExSpiron Pediatric PadSet: RMI-53040
- ExSpiron Patient Cable: RMI-51130

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We are present in the world's leading markets through our own offices and distributor partners.

Find all details at [senzime.com](http://senzime.com)

### ABOUT SENZIME

Senzime is a Swedish medical device company that develops, manufactures, and markets CE- and FDA-cleared patient monitoring systems. Senzime's employees worldwide are committed to the vision of a world without anesthesia and respiratory-related complications.