



**brina**

High-end mechanical ventilator that provides invasive and non-invasive ventilation, for adult, pediatric and neonatal patients.

**High-tech, high trust.**

**Tecme**  
committed to life

# Taking our mechanical ventilation and life support technology to the next level

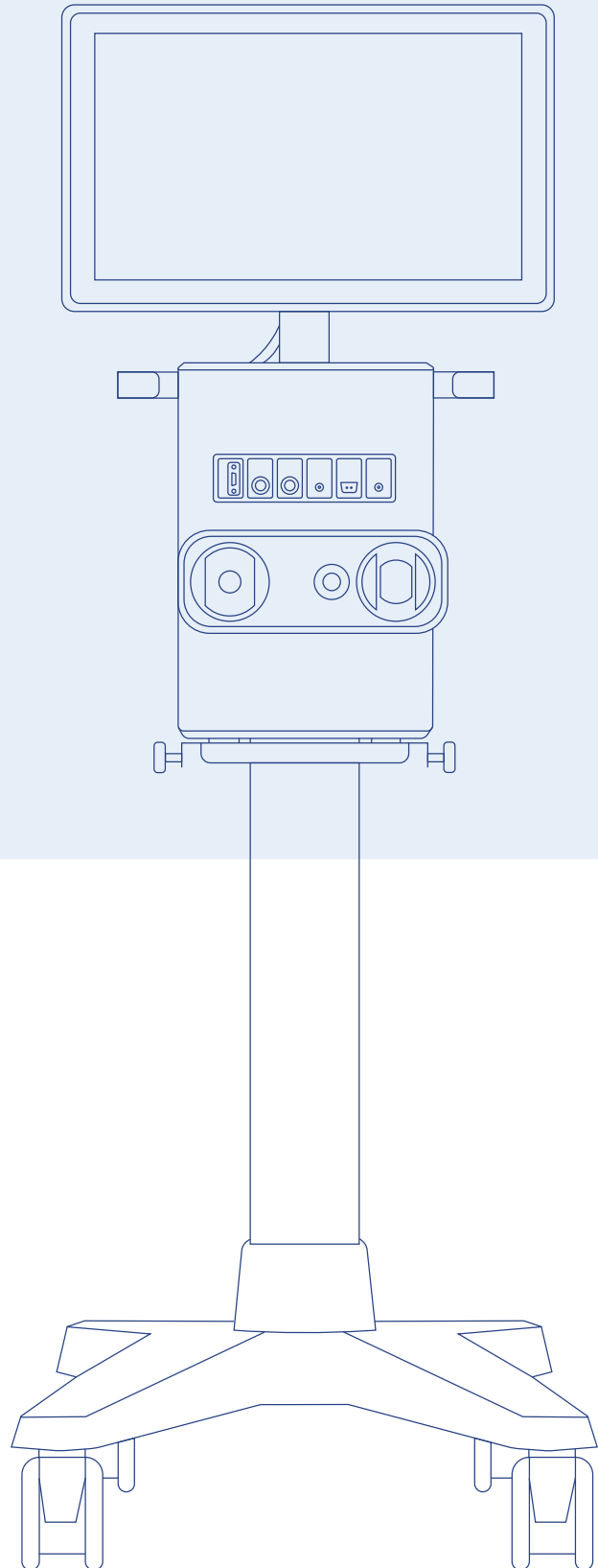


Today, after years of research and investigation, the time has come to present Brina: our most advanced, new-generation ventilator family.

## Characteristics:

# A step forward in design

- High-resolution touchscreen
- Detachable and modular design
- Smart and intuitive interface
- Comprehensive monitoring
- Wide variety of software features



# Design

## Smart and intuitive interface

### Ultimate touchscreen

High-resolution 18" touchscreen with intuitive user interface makes the ventilator's operation not only easy but quickly.



### Detachable and rotative

Highly visible alarm indicator. The design of the VentBox gives the user the possibility to mount it on a trolley, ceiling supply or shelf.



## Design

# Improved design for more accurate measurements



The **Expiratory Port** has been specially developed for a more direct and precise electronic control of the respiratory phases of the breathing cycle. It enables an improved response time and the spontaneous breathing of the patient even during the inspiratory phase in pressure-controlled modes.

The **Paramagnetic oxygen sensor** has been integrated to perform efficiently and continuously throughout the life cycle of the ventilator, removing the need of a periodic replacement.

# User Experience

Simple and clean user interface.  
Designed to take important decisions in different situations.

## Active Lung

Active lung for a graphic and better visualization of the patient's ventilatory condition. The compliance of the lung and the resistance of the airway are shown graphically and numerically. The lungs, together with the diaphragm, expand and contract synchronizing with the patient's breaths.



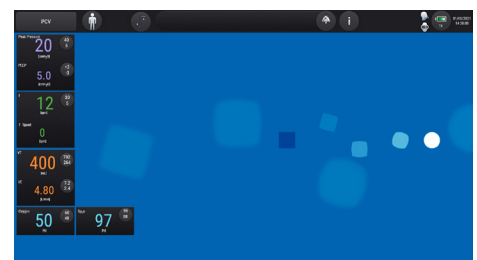
## Numerical Screen

Visualization designed to be used during the medical room review, improving the visibility of the parameters from a distance.



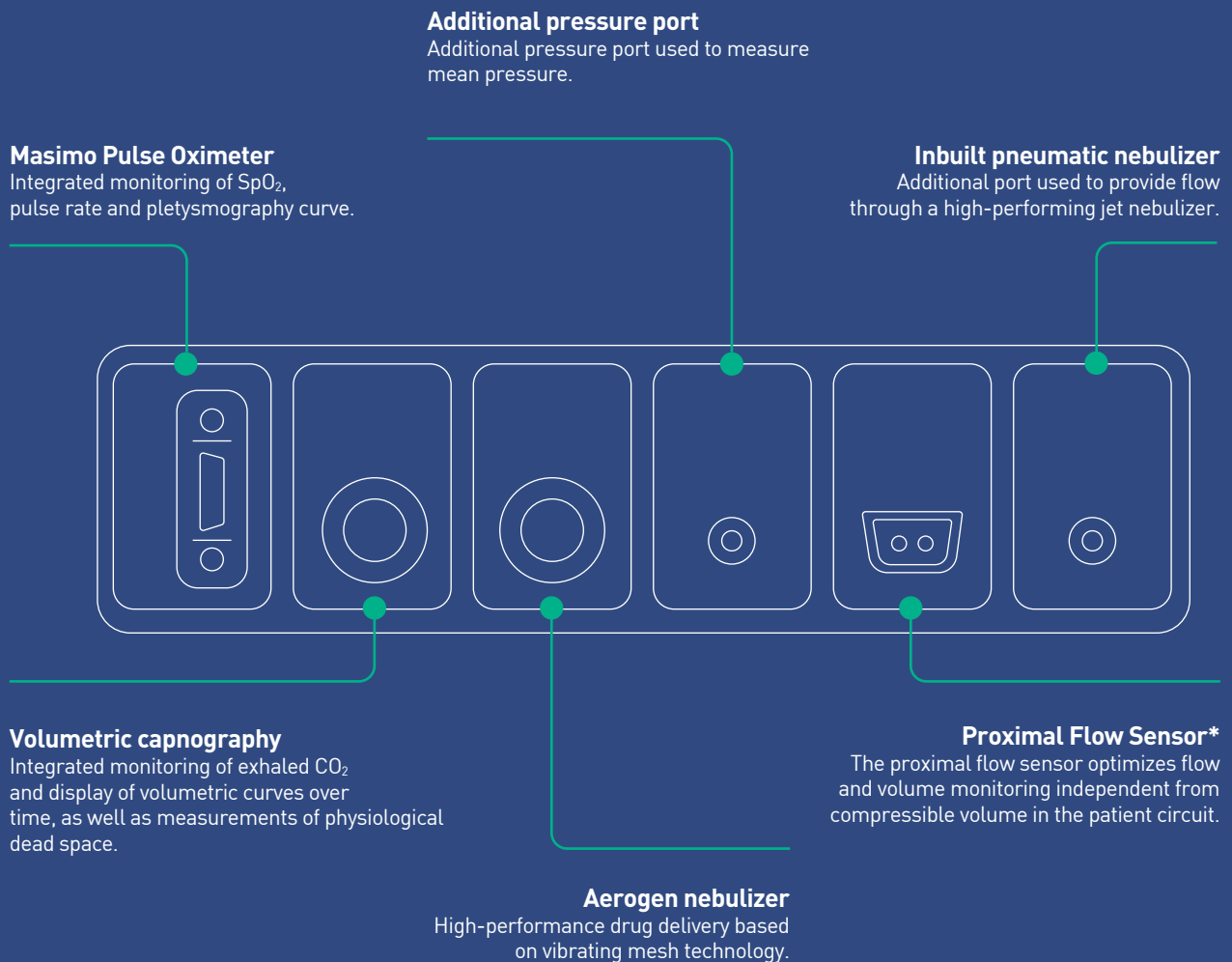
## Family View

Visualization designed to generate a friendly environment during family visits without losing monitoring of the basic ventilation parameters.



# Modular design

## Adaptable to different clinical environments and needs:



\* Only for neonatal patients

# Software

**Wide variety of modes and tools of ventilation for personalized and different clinical needs.**

## **AVA (Adaptive Ventilatory Assist)**

The AVA mode is an adaptive mode with optimal control that guarantees minute ventilation of the patient, generating a ventilatory pattern with the minimal respiratory work.

## **High-Flow Oxygen Therapy**

Oxygen therapy administered through nasal cannulas or masks has always been the first approach to alleviate hypoxemia in patients. The addition of this method expands the use of the ventilator to the stages that are prior and after the mechanical ventilation itself, by providing non-invasive assistance to oxygenation.

## **Spontaneous breathing test**

This tool allows a spontaneous breathing test to be performed before weaning, monitored in real time and completely safe with dedicated alarms.





**55+ years of experience committed to innovation and patient care.**

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