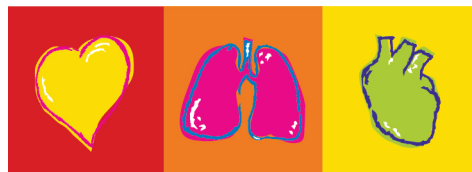


Comprehensive monitoring  
Volumetric capnography  
High-flow oxygen therapy  
Spontaneous Breathing Test

High-end mechanical ventilator that provides invasive and non-invasive ventilation, adaptable to any patient category.



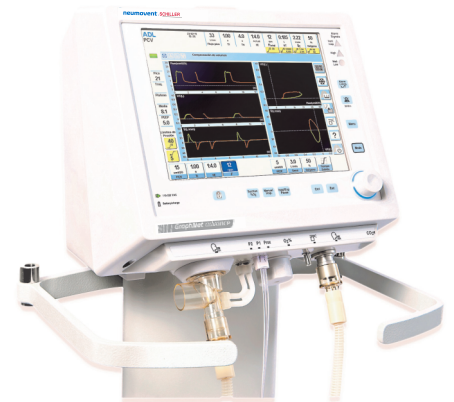
# GraphNet advance

GraphNet advance is a high-end mechanical ventilator providing both invasive and non-invasive ventilation, tailored to suit any patient category. It delivers precise and reliable respiratory support for a



## COMPACT DESIGN

- ❖ Equipped with a built-in 12" LED touch screen
- ❖ Offers a clear and comprehensive display of vital sign variables
- ❖ Ensures easy monitoring of patient data at a glance
- ❖ User-friendly and intuitive programming with high visibility alarm indicator
- ❖ Has a fully integrated front panel without gaps and is easy to clean



## INTEGRATED MONITORING

- ❖ Comprehensive patient monitoring is built into the system, offering real-time feedback on critical parameters like lung compliance, resistance, and tidal volume, enabling clinicians to make informed decisions promptly.

## ADAPTIVE VENTILATORY ASSISTANCE (AVA)

- ❖ This advanced feature allows for automatic adjustment of the ventilatory parameters in response to the patient's needs, promoting lung-protective strategies and reducing the risk of complications.



- ❖ Supports ventilation for adult, paediatric, and neonatal patients
- ❖ Offers high-flow oxygen therapy
- ❖ Features automatic leak compensation
- ❖ Includes integrated volumetric capnography software
- ❖ Suitable for intra-hospital transportation
- ❖ Equipped with Spontaneous Breathing Test (SBT)
- ❖ Low maintenance cost
- ❖ Built-in battery with up to 2.5 hours of capacity



## Volumetric Capnography

Integrated monitoring of exhaled CO<sub>2</sub> and display of volumetric curves over time, as well as measurements of physiological dead space.



## Spontaneous Breathing Test

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



## High-flow Oxygen Therapy

The addition of this method expands the use of the ventilator to the stages that are prior to and after the mechanical ventilation itself, by providing non-invasive assistance to oxygenation.



## AVA (Adaptive Ventilatory Assistance)

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





# SCHILLER

The Art of Diagnostics

SCHILLER, founded in 1974 by Alfred E. Schiller is a successful group with 31 subsidiaries and a global sales network. Today, SCHILLER is a world-leading manufacturer and supplier of devices for cardiopulmonary diagnostics, defibrillation and patient monitoring as well as software solutions for the medical industry.

Over the past 25+ years, Schiller India has established itself as a leader in the medical technology sector. With 450+ employees, a state-of-the-art ISO 13485-certified production centre in Puducherry, and multiple R&D centres across the globe, Schiller India makes advanced healthcare equipment accessible through a network of 100 sales and service dealers across more than 45 locations. Our product range includes Critical Care, Anaesthesia, Emergency Care, Cardiology, Respiratory Diagnostics, Radiology, and Robotics.

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