

# VENUS

Smart Respiratory Devices

Life in every breath



# Next Generation Smart Ventilators

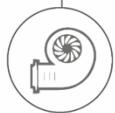


Built on the foundation of  
**PERFORMANCE | PRECISION | SAFETY**



# Performance

## Unmatched Features for Optimal Performance



Powered by  
Inbuilt Turbine



Say goodbye to cumbersome compressors and central air systems. Veni's built-in turbine works independently, providing dependable and efficient performance, streamlining ventilation processes.



15-inch large  
HD color display

Enhanced user experience with Veni's 15-inch large HD color display featuring capacitive touch. User-friendly with a customizable interface and gesture control for a holistic view of patient health.



5-year warranty

We offer up to 5-year manufacturer warranty\* on crucial parts, guaranteeing exceptional quality and durability, allowing you to focus on patient care without worrying about uptime.



Upto 4-Hour  
Battery Backup

Equipped with an impressive 4-hour hot swappable dual battery backup\*\*, uninterrupted patient care is guaranteed.



240 Hours Data  
Storage and Trend Analysis

Empowering clinicians with powerful data capabilities, offering 240 hours of data trends in graphical and tabular forms and storage of up to 20,000 events for valuable insights into patient progress.

\* Only on PRO & ADVANCE  
\*\* Dual battery is optional



Tailored Solutions for  
all applications  
with precision



## Universal Ventilator

From Neonatal to Paediatric and Adult ventilation, VENUS adapts to provide precise and individualised treatment for all.



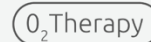
## Modular Integration

Seamless integration of SpO2, EtCO2, Smart humidifier, and Auxiliary pressure modules for real-time insights, empowering informed decision-making.



## Non-Invasive Ventilation

Non-invasive ventilation with 100% leakage compensation ensures accurate delivery, optimising patient comfort and treatment outcomes.



## High Flow O2 Therapy

Extensive ventilation modes for specific patient conditions, with high flow oxygen therapy to support upto 60 L/min.



## Smart Ventilation Mode

Set the desired minute volume support percentage, and VENUS handles the rest of the adjustments breath by breath.

Precision

## Ensuring Patient Safety and Doctor's Ease of Use



### Sterilization Monitoring System

Patented breathing cassette technology ensures zero cross-contamination with an autoclavable flow sensor, data logger and built-in UV filter, prioritizing patient safety and ease of use for doctors



### On-screen Guide

On-screen guide providing information on all parameters, modes, and settings. It also includes an efficient troubleshooting mechanism to promptly address any faults.



### Smart Lung

Graphical lung parameter representation enabling quick assessment for optimized respiratory care.



### Lung Protection Tools

Advanced tools like PV tool, Smart-Wean, Vt/IBW, C20/C, and lung recruitment enhance lung protection through small tidal volume ventilation, PEEP titration, and recruitment.

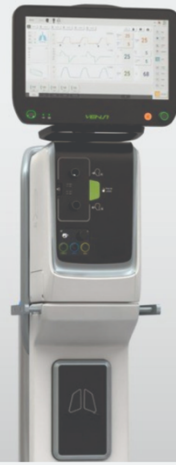


### Smart Safety Features

Automatic range adjustment based on patient type and IBW, alerts doctors to potential errors, minimizing the risk of incorrect parameter settings.



# Safety



## Standard Configuration

Adult-Paediatric Ventilation with minimum Tidal volume of 20ml, 15" color touch screen display, Single Battery, RS232 connectivity, HDMI output, Inbuilt Nebulizer, eUV filter, Sterilizable breathing cassette-1 qty, Smart battery-1 qty. Dark-Light Theme, 1 year warranty.

## Standard Modes

CMV (Volume Control Ventilation)

V-A/C (Volume Assist/Control)

PCV (Pressure Control Ventilation)

P-A/C (Pressure Assist/Control)

V-SIMV (Volume-Synchronised Intermittent Mandatory Ventilation)

P-SIMV (Pressure-Synchronised Intermittent Mandatory Ventilation)

## Optional Hardware

Optional Hardware	Prime	Advance	Neo	PRO
SpO2 Port	-	+	+	✓
EtCO2 Port	-	+	+	✓
DC-Input	-	+	+	✓
Wifi connectivity	-	-	-	✓
Nurse call System	-	+	+	✓
Neonatal Ventilation	-	+	✓	+
Dual Battery System	-	✓	+	✓
Additional Smart Battery	-	+	+	✓
Paramagnetic O2 Sensor	-	-	-	+
Additional Breathing Cassette	+	✓	+	✓

## Optional Software

Optional Software	Prime	Advance	Neo	PRO
Non-Invasive Ventilation	+	✓	+	✓
Neonatal Ventilation & NCPAP	-	+	✓	+
High Flow O2 Therapy	+	✓	+	✓
Smart-Lung	+	✓	-	✓
Onscreen Help	-	+	+	✓
DualPAP & APRV	+	✓	+	✓
PRVC & PRVC-SIMV	-	+	+	✓
VS & PSV-ST	-	+	+	✓
Smart-Ventilation	+	✓	-	✓
PV Tool	-	+	-	✓
ATRC & Smart-cycle	-	+	-	✓
Weaning & NIF	-	+	+	✓
PEEPi & P0.1	-	+	+	✓
Smart-Wean	-	+	-	✓
SI & AlV Vent Calculation	-	+	+	✓
Multi Presets	-	+	+	✓
Loops & Trends	+	✓	+	✓
Swipe & Screen Customisation	+	✓	✓	✓
Extended Warranty – Up to 5 Years	+	✓	+	✓

✓ Standard    + Upgradable    - Not available

Supported By



सत्यमेव जयते  
Government Of India  
MeitY



सत्यमेव जयते  
Government Of India  
DBT



## Certifications & Recognitions



MD-9 Manufacturing License No  
MFG/MD/2025/00428



Certified  
ISO13485:2016



Listed on  
Government E Marketplace



Tested in accordance with  
IEC60601-1 and IEC60601-1-2



BIS CERTIFICATE  
IS 13450 : PART 2 : SEC 12:2023

Scan for more information



# VENSI

## Smart Respiratory Devices

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Made  For  
In  The  
India  World

Specifications are subject to change without notice. Some features are options. Not all features are available in all markets.

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