

V8600 Ventilator

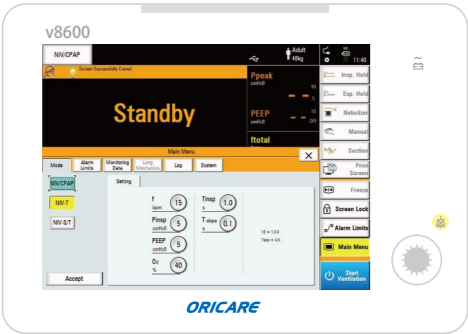
Noninvasive Ventilation

Strong gas leakage compensation ability:

- V8600 has a new state-of-the-art turbine drive.
- Leakage compensation capacity is up to 60 L/min.

Noninvasive ventilation modes:

The noninvasive ventilation performance of the V8600 is equal to the best noninvasive medical ventilator on the market. The following professional noninvasive ventilation modes are standard: NIV/CPAP, NIV-T, NIV-S/T.



Unique noninvasive trigger technology:

- V8600 contains a sensitive and efficient trigger system.
- Quick response and reduced false triggers help your patient breathe freely and in comfort.
- A unique, state of the art, algorithm allows the V8600 to automatically adjust trigger sensitivity according to changing conditions, so you do not need to adjust the trigger sensitivity anymore.



V8600 is your smart, cost-effective choice for high performance ventilation in invasive and noninvasive modes.

Technical Parameters

Ventilation Modes:

- Volume Controlled (VCV), Assist/Control
- Pressure Controlled (PCV), Assist/Control
- Pressure Regulated Volume Controlled (PRVC), Assist/Control
- Synchronized Intermittent Mandatory Ventilation, SIMV(VCV) + PSV, SIMV(PCV) + PSV, SIMV(PRVC) + PSV
- Spontaneous Ventilation (SPONT/CPAP) + PSV
- Bi Level Ventilation (BIVENT/APRV) + PSV
- Non-invasive Ventilation (NIV/CPAP, NIV-T, NIV-S/T)

Parameters:

- Tidal volume: 20~2000 ml
- Respiratory rate: 1~80 bpm
- Inspiration time: 0.2~9 s
- Inspiratory pause time: 0~4 s
- Tslope: 0~2 s
- FiO₂: 21%~100%
- PEEP: 0~35 cmH₂O
- CPAP (NIV): 2~20 cmH₂O
- Psupport: 0~70 cmH₂O
- P_{insp}: 5~70 cmH₂O
- P_{high}: 5~60 cmH₂O
- P_{low}: 0~35 cmH₂O
- Esens: 5%~80%
- Flow Patterns: square, decelerating
- Inspiratory Hold
- Expiratory Hold
- Nebulizer: 30 minutes
- Auto Tube Compensation (ATC)
- Compliance Compensation
- Graphical Trends

Monitoring:

- Pressure values: P_{min}, P_{plat}, P_{mean}, P_{peak}, PEEP
- Volume/Flow values: V_{ti}, V_{te}, MV, MV_{spont}, Leak%
- Waveforms: Pressure – Time, Flow – Time, Volume – Time
- Loops: Flow – Pressure, Pressure – Volume, Volume – Flow
- FiO₂
- Optional EtCO₂

Alarms:

- MV high, MV low, Circuit disconnect, Paw high, Paw low, Continuous airway pressure high V_{ti} high, f_{spont} high, Tapnea, FiO₂ high, FiO₂ low, EtCO₂ high, EtCO₂ low, Power supply failure, Battery low, Battery exhausted, Air supply failure, O₂ supply failure, PEEP low, etc.

Operating Conditions:

- Gas Supply: O₂, 280~600 kPa (41~87 psi)
- Power Supply: 100~240 V, 50/60 Hz
- Operating Temperature: 5~40°C
- Relative Humidity: 5%~95%, non-condensing
- Atmospheric Pressure: 700~1060 hPa
- Communication Interfaces: RS-232, VGA, USB, RJ45
- Dimensions(H × W × D): 322 x 375 x 366 mm (Main Unit)
547 x 675 x 950 mm (Cart)

V8600 Ventilator

Integrated Invasive & Noninvasive Ventilation



ORICARE®
Your healthcare, we care.

Manufactured for:
Oricare, Inc.
1900 AM Drive
Quakertown, PA 18951 USA

Tel: +1-215-538-2470
Fax: +1-215-538-2578
marketing@oricaremed.com
www.oricaremed.com

V8600 Ventilator Invasive Ventilation

With state-of-the-art turbine technology, V8600 helps achieve sequential ventilation in various clinical situations. When it is time for noninvasive ventilation, clinicians no longer need to switch devices.

Comprehensive invasive ventilation modes:

- V8600 has various invasive ventilation modes. PRVC and BIVENT are advanced ventilation modes that help you carry out invasive ventilation treatment efficiently.

Accurate gas management:

- V8600 has advanced gas control technology and features, including tube compensation, compliance compensation, and dead space compensation.

Perfect synchronization technology:

- V8600 has both pressure and flow trigger. As soon as patient's breathing effort is detected, V8600 responds quickly, avoiding patient-machine confrontation and improving patient comfort.

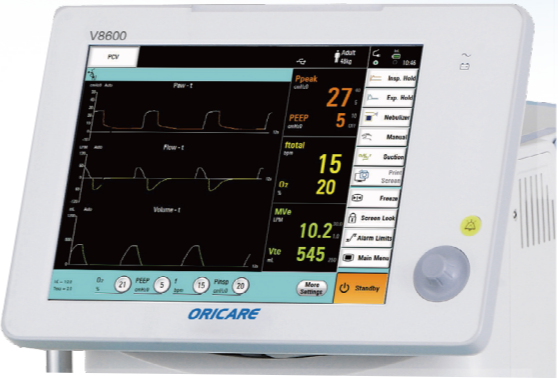


Ease of Operation

- 12" TFT color touch screen
- User-friendly interface with organized menus
- Easy operation for First Time users

- A single V8600 will meet your changing therapeutic needs
- Suitable for Pediatric and Adult patients

- V8600 can be used in the ICU, ER, and other departments for the rescue and therapy of patients with respiratory insufficiency, failure and distress, as well as provide respiratory support.



Improved Patient Outcome

- V8600 features "Lung Mechanic" monitoring function to provide more insight into your patient's lungs. Lung Mechanic measurements include: Static Compliance, Airway Resistance, Intrinsic PEEP, Time Constant.

- Clinical tools that allow the user to make clinical intervention faster and better include: Ins./Esp. hold, manual inspiration, smart suction, waveform freeze, and print screen functions.

- Weaning is now simpler with the V8600. Weaning parameters include RSBI and WOB, providing an accurate reference for weaning, so the user will know the right time for patient weaning, thus allowing for shortened ventilation time.



Increased Patient Safety

V8600 helps to minimize patient risk

- The V8600 contains apnea backup ventilation for invasive and noninvasive spontaneous modes.
- The V8600 battery backup supports uninterrupted patient care during power failures and intra-hospital transport.
- Patients may be kept on the same ventilator, with minimum disconnection risk, for weaning or transfer to a home care environment.

Reduction in Maintenance Costs

- V8600 has a built-in, low noise turbine that eliminates the need for an air compressor.
- Maintenance costs are reduced as consumables are eliminated. The exhalation valve is made of stainless steel.
- The V8600 is able to be integrated with a state-of-the-art, Paramagnetic Sensor Technology, which eliminates the need for a consumable oxygen sensor. This means you never have to replace an oxygen sensor.
- On-site system updating, achievable with flash drive.

