

Ventilation

Heyer VT8000

Description



Adult, Child & Neonate Ventilator

- New star VT8000 launches to meet all groups of patient for critical care needs. The enhanced versatile ventilator helps to create a stronger ICU.

Properties

Features & benefits:

15.6" Capacitive Touchscreen:

15.6" TFT highly sensitive touchscreen provides clear vision and supports multi-angle view, which meets the requirements of the ventilator screen during doctor rounds in clinical.

Innovative UI Interface: Facilitation

In ICU, medical staffs always feel stress in the face of a large number of medical devices. Simplification is their voice. The friendly user interface with clear distribution is specially designed for medical staff. It is easy to learn and operate, which allows medical staffs to get started quickly and save more time for training.



Properties

Features & benefits:

Customized

As the name suggests, the interface display is customizable. Doctors can set the parameters, waveforms, loops and even lung dynamic monitoring that they want to display according to the patient's situation.

Visualized

Dynamic Lung, can intuitively reflect the real-time resistance, compliance, breathing state and ventilation state, combining graphics to show lung status for further appropriate treatment options.



Properties

Features & benefits:

Neonatal Mechanical Ventilation and Extension of Ventilation Mode- CPRV Mode, HFNC Mode

Comprehensive Clinical Tools:

Developed lung protective ventilation strategies

P/V Maneuver, lung recruitment, C20/C and SI are available in VT8000, which can prevent excessive expansion and collapsed of the alveoli reduce the incidence of ventilator induced lung injury (VILI).

Integration of weaning tools

The weaning tools include SBT, NIF, P0.1, RSBI, WOB in VT8000. Doctors can use the SBT in combination with the patient's oxygenation, ABG and hemodynamic indicators to determine whether the patient could tolerate from extubation.



Properties

Features & benefits:

Auxiliary pressure monitoring



Ptp- Transpulmonary pressure measurement to help monitor the status of alveolar ventilation

Extended Modules:

In addition to the neonatal module, there are optional SpO₂ module and CO₂ module, which give you more reference for clinical decision.

All for the Clinical, All for the Patient

heyer VT8000 brings you a new experience and helps you create a stronger ICU.

Technical specifications



Invasive

VCV PCV PRVC VSV SIMV(VCV) SIMC(PCV) SIMV(PRVC)
SPONT/CPAP BIVENT APRV CPRV

Non-invasive:

NIV-CPAP NIV-PCV NIV-Backup/Apnoe HFNC nCPAP

FiO2

21% - 100%

Flow (HFT)

Neonate: 0,5L/min - 20L/min

Child: 0,5L/min - 40L/min

Adult: 2L/min - 80L/min

Tidalvolume (VT):

Neonate: 2mL - 150mL

Child: 20mL - 300mL

Adult: 50mL - 4000mL

Inspiratory time (Ti): Range

Neonate: 0,1s - 12s

Adult/Child: 0,1s - 12s

Frequency (f): Range:

Neonate: 4bpm - 150bpm

Adult/Child: 4bpm - 100bpm

Psens:

-20cmH2 O -
0cmH2 O

Vsens:

Neonate: 0,1L/min - 5L/min

Child: 0,3L/min - 10L/min

Adult: **0,5L/min - 20L/min**