Ventilator

VICU

Natural Way To Breathe ...

VICU

ERETNA

www.eretna.eu

Modes of ventilation

• Assisted control mandatory ventilation
• Synchronized intermittent ventilation
• Spontaneous ventilation

Breath types

• Volume controlled: V-CMV, V-SIMV
• Pressure controlled: P-CMV, P-SIMV,PS
• Volume targeted pressure controlled:
PRVC - CMV PRVC-SIMV, VS
• Bi- Level

Breath triggering

• Pressure triggering: (-2) - (-20) cmH20
• Flow triggering: 2 - 201 / min

Respiratory setting

• Respiratory rate: 2 - 120b/min
•Tidal volume: 20 - 2000 ml
• PEEP / CPAP: 0 - 40 cmH20
• Pcontrol: 2 - 80 cmH20
• Psupport: 0 - 60 cmH20
• Peak flow (Mandatory): 3 - 1201 / min
• I - Time (Ti) : 0.2 - 5.0 Sec
• Pause (Inspiratory plateau) 0.0 - 2.0 Sec
• Oxygen (FİO2): 21 - 100%
• Rise time: Fast, Med, Slow
• Exhalation sensitivity: 10 - 80 % of peak flow
• Base flow: 4.5 - 251 / min

Respiratory monitored parameters

• PEEP	• I : E
• Ppeak	• Ti / Ttot
• Pmean	• Cstat
• PendInsp	• Cdyn
• Vte	• R insp
• Vti	• Rexp
• MV	• Auto PEEP
• MVspont	• Pplateau
• Leak	• RSBI
• PF	• O2%
• PFe	• WOB
• Rate	• P0.1
• Rate Sp.	• NIF
• Inspiration time (Ti)	• P0.1/NIF
• Expiration time (Te)	• RCe
• H:L	

Real Times Curves

• Pressure over time, Flow over time, Volume over time
• Pressure - Volume loop, Flow - Volume loop

Additional feature

• Maneuvers: P0.1, NIF, Insp. Hol.
• Exp. Hold, Suction Support
• Apnea backup ventilation
• IBW calculator
• NIV On / Off
• Automatic leak compensation
• Automatic compliance compensation

User initiated functions

• Manual breath
• Nebulizer
• 100 % Oxygen
• Alarm silence
• Humidification selection: HME,
Warm Humidified, None

User configurable interface

• Multiple easy view tabs: (Main, Settings,
Monitoring, Alarms, Configuration
• Graphic display: 2 loops and 3 curves

Prioritized alarms (High, Medium, Low)

• Auto - Set alarm feature
• 1000 Events log

Physical data

• Battery backup (with fully charged battery)
More than 60 min
• Screen LCD 12.1" wide
• Gas supply: 35 - 87 psi clean, dry and oil - free medical grade
• Width x depth x height: 45 x 35 x 29 cm
• Weight: =12kg

VICU Ventilator

Features

- Volume and pressure controlled ventilation
- Invasive and Non - invasive
- Smart user - friendly interface with touch screen color display
- Full range of ventilation features with graphs and numarical values
- Smart alarm system
- 72 hours trend storage
- IBW calculator provides a quick and safe start to ventilation
- Pediatric through adult (20 - 2000 ml Tidal volume)
- Automatic leak and compliance compensation
- Moders pressure and flow triggering
- Battery backup up to 1 hour and upgradable up to 2 hours

Volume and pressure controlled ventilation

VICU ventilator helps patient to breathe more naturally through a new delivery technology. This new ventilator presents volume and pressure controlled ventilation plus spontaneous breathing modes. More over , it is equipped with great weaning functionalities.

Smart user - friendly interface

The high - resolution full - color touch screen display shows comprehensive information including ventilation curves and monitored values. Also screen configuration can be customized to display the most important measure values.

Full range of ventilation features

VICU ventilator possesses some extra advantages: NIV, Apnea, modern pressure and flow triggering. These features allow making the ventilation even more precise and effective.
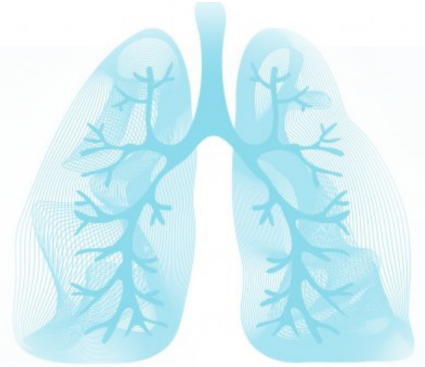
72 hours trend storage

Some mistakes in treatment can be crucial for the patient and the specialist must know all the details of patient history case to prevent the fault.VICU ventilator offers trending all patient data available for 3 days.

IBW calculator

Ideal Body Weight start up setting gives the clinician a quick initation to ventilation.

VICU *Ventilator*

CE 1984

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