

Operative Modes :

Adult and Pediatric

- VCV - Volume control(assisted/controlled)
- PCV- Pressure Control(assisted/controlled)
- PSV- Pressure Support
- CPAP - Continuous Positive Airway Pressure
- SIMV(VCV)+PSV [with backup rate - non]
- SIMV(PCV)+PSV [with backup rate - non]
- PSV+VT Assured(VAPS)
- APRV [with backup rate - non]
- MMV+PSV-Mandatory Minute Ventilation
- NIV - Non-invasive Ventilation



- ✓ صفحه نمایش لمسی رنگی 12.1 inch touch Screen LCD
- ✓ قابلیت تعریف 20 ml از Tidal Volume
- ✓ Invasive and Non-invasive Ventilation
- ✓ قابلیت نمایش و ذخیره Loop & Curve تنفسی
- ✓ دارای Auto Emergency Mode
- ✓ قابلیت کارکرد بدون برق بیش از 3 ساعت
- ✓ قابلیت انتقال اطلاعات بر روی کامپیوتر مرکزی و تهیه گزارش
- ✓ قابلیت جبران سازی نشتی Leak Compensation
- ✓ قابلیت نمایش پارامتر های
- ✓ دارای نبولایزر دارو

FVT, Cdyn , WOBI ,Cst,Ri,Re,Auto PEEP, Leak, %Leak, Ti/Ttotal , V_Emandatory , V_Espont, F spont, Tcexp



محدوده پارامترهای قابل تعریف

- Tidal Volume: 20-2500ml
- Pressure Control (PCV): 2-100 cm H₂O
- Pressure Support (PSV): 0-100 cm H₂O
- Programmable Minute Volume(MMV+PSV) : 1.0 - 50 L/min
- Resulting Minute Volume :0.01-130 L/min
- Respiratory Rate: 1-150 bpm
- Maximum pressure Limited (safety limits):up to 120 cmH₂O
- Inspiratory Time : 1-3s (30s in APRV)
- PEEP/CPAP: 0 to 50 cm H₂O
- Inspiratory Flow: 0.2 - 180 (L/min)
- I:E Ratio: Volume mode: 1:1 - 1:20; Pressure Control: 5:1 - 1:20
- Expiratory Sensitivity: 5% to 80% of peak flow
- Sigh (VCV only):
Number, Events per hour, Volume, and Max. Pressure.
- Inspiratory Sensitivity:(below PEEP)
 - Flow Triggered : 0.2-15L/min
 - Pressure Triggered:0.5-20cmH₂O
- Pause insp/Exp (vcv only) : 0 to 2 seconds with 0.25 s increments.
- Nebulizer
- AUTO PEEP
- Static and Dynamic Compliance
- inspiratory and Expiratory Resistance
- Slow Vital Capacity : Actual / Best
- Maximum inspiratory pressure (Pi max)
- Imposed work of Bearthing(WOBi)

- Air way Pressure : Peak, Plateau, Mean,PEEP
- I : E Ratio Current
- Expired Tidal volume
- O₂ Percentage
- Trapped volume:Tidal volume/Total volume/Trapped
- Occluded inspiratory effort during 100ms(P 0.1)
- Inflexion Points Of The P/V Curve (P/Vflex)
- Rapid Shallow breathing index(F/VT index)
- Inspiratory time (Ti) and Expiratory time (Te)
- Rate : Total rate expressed in breaths per minute
- Expired Minute Volume

- Volume correction according to patient circuit compliance
- Leak compensation available in all operative's modes
- Body temperature volume correction(BTPS)
- Altitude compensation for volume correction
- Tidal Volume Setting based on Ideal Body Weight(IBW)

آنالیز پیشرفته تنفس

پارامترهای بازدمی

امکانات ویژه

