

Meet the Latest Ventilator for ICU



Natural Way To Breathe...

RESPINA.P1

Features:

- Volume and Pressure controlled ventilation
- Full range of ventilation features with graphs and numerical values
- Smart User-Friendly Interface with touch screen color display
- IBW calculator providing a quick and safe start to ventilation
- Provides a unique ventilator assurance feature.
- Ergonomic design helps to do the job quickly.
- Pediatric through Adult (20 ml Tidal Volume)
- Automatic leak and tube compensation
- Battery with over 4 hour autonomy
- Modern pressure and flow trigger
- Invasive and Noninvasive
- 72 hours trend storage
- Smart alarm system

Modes of ventilation:

- Assisted control mandatory ventilation
- Synchronized intermittent mandatory 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

Breath triggering:

- Pressure Triggering: (-2) – (-20) cmH2O
- Flow Triggering: 2 - 20 l/min

Respiratory Settings:

- Respiratory Rate: 1 – 120 b/min
- Tidal Volume: 20 - 2000 ml
- PEEP/CPAP: 0 - 40 cmH2O
- Pcontrol: 2 – 80 cmH2O
- Psupport: 0 – 60 cmH2O
- Peak Flow (Mandatory): 5 – 120 l/min
- Peak Flow (Spontaneous): 1 – 200 l/min
- I-Time (Ti): 0.2 – 5.0 Sec
- Pause (Inspiratory Plateau): 0.0– 2.0 Sec
- Oxygen (FiO2): 21 -100 %
- Rise Time Settings: Fast, Med, Slow
- Exhalation Sensitivity: 10 – 80 % Of Peak Flow
- Base flow: 4.5 – 20 l/min

Additional features:

- Apnea Backup ventilation
- IBW calculator
- NIV On/Off in all modes
- Active Exhalation valve
- Automatic leak compensation
- Automatic tube compensation

User Initiated Functions:

- Manual breath
- Inspiratory Hold
- Expiratory Hold
- Nebulizer
- 100% Oxygen
- Alarm silence
- Standby
- Maneuvers: P0.1 & NIF
- Suction support

More Safety Ventilation for Your Patient



Respiratory Monitored parameters:

- | | | |
|------------------------|-----------------------|-------------|
| • PEEP | • Expiration time(Te) | |
| • Ppeak | • I:E | • C dyn |
| • Pmean | • H:L | • Rexp |
| • Vte | • Ti/Ttot | • NIF |
| • Vti | • Cstat | • P0.1/NIF |
| • Ve | • Rinsp | • RCe |
| • Ve Spont | • Auto PEEP | • C 20/C |
| • Leak | • Pplateau | • Pend Insp |
| • PF | • RSBI | |
| • PFe | • O2% | |
| • Rate | • WOB | |
| • Rate Sp. | • P0.1 | |
| • Inspiration time(Ti) | | |

Patient Display values:

- Trend data: 72 hours
- Real time curves:
 - Pressure over time
 - Flow over time
 - Volume over time
- Real time loops:
 - Pressure–volume loop
 - Flow–volume loop

Physical data:

- Battery Backup (with fully charged battery): ≥240 min
- Screen: LCD 12" Wide
- Gas supply: 29 – 87 psi clean, dry and oil-free medical grade