



## FEATURES

- SPO<sub>2</sub> interface (All modes), Nebulizer sync (All modes with Period/continuous function), Ultrasonic O<sub>2</sub> sensor
- O<sub>2</sub> input pressure display
- Variable i-time in S/T mode based on expiration, CPAP with expiratory relief (3 levels with patient sync)
- Alarm limits for O<sub>2</sub>, Volume, Pressure, SPO<sub>2</sub>, Pulse, O<sub>2</sub> input pressure
- Open circuit detection saves O<sub>2</sub> consumption
- S/T mode with Auto **start** on/off function
- Optional Invasive block with volume & pressure modes with assist control
- Trend & log for 48 hrs
- Proximal pressure measurement for precise pressure control
- Low flow O<sub>2</sub> input (0 to 15 lpm) for O<sub>2</sub> therapy

## SPECIFICATIONS

- **Non Invasive Modes (6)** : CPAP, O<sub>2</sub> therapy, S/T, S, T, PRVC (Nebulizer sync in all modes)
- **Volume (ml)**: Adult: 200 to 2000 mL (PRVC mode)
- **Rate**: 3 to 60 bpm (1/min)
- **Trigger level**: 2 to 8 L/min (S/T, S mode)
- **Inspiration flow (lpm)**: 200 lpm (Total leak in patient circuit)
- **Pressure (cmH<sub>2</sub>O)**: 4 to 45 cmH<sub>2</sub>O (hPa)
- **I-Time**: 0.3 to 3 Secs
- **O<sub>2</sub> supply**: 0.0 to 160 L/min (All modes with blending)
- **Monitoring Parameters**: Pip, Peep, Volume (V<sub>ti</sub>), Rate, Minute volume, leak, O<sub>2</sub>, SPO<sub>2</sub>, Pulse. (V<sub>te</sub> in invasive 3 modes)
- **Battery Backup**: 6 Hrs
- **Screen size**: 7"

## FEATURES

Interfaced directly with any Saviour NIV ventilators  
 Interfacing Saviour NIV needs only one Pneumatic and one electrical connection  
 Operational while transportation for emergency purpose such as in ambulance  
 Precise electronic peep control  
 Compressed gas line not required  
 Flow monitoring range +/- 180 lpm  
 Volume delivery upto 2ml



## SPECIFICATIONS

### Invasive modes :

VCV (Volume control with assist), PCV (Pressure control with Assist), (Nebulizer sync)

Volume Control (ml): Adult :150 to 1500 mL,

Pediatric : 20 to 300 ml,

Neonatal : 2 to 200 ml

Pressure Control (cmH<sub>2</sub>O): 4 to 60 cmH<sub>2</sub>O (hPa)

Rate: 3 to 60 bpm (1/min)

Inspiration flow (lpm): 200 lpm (Total leak in patient circuit)

i-Time: 0.3 to 3 Secs

Trigger level: Flow 1 to 12 L/min, Pressure -1 to -10 cmH<sub>2</sub>O

(for spontaneous breath)

Peep : 0 to 20 cmH<sub>2</sub>O

O<sub>2</sub> supply: 0.0 to 160 L/min (21 to 100%)

Safety release valve: 75 cmH<sub>2</sub>O (+/- 5)

Battery Backup: 1.5 Hrs

we reserve the right to make alterations without prior notice due to continuous R & D. Minor deviations in color mentioned are possible due to technical reasons.

### Staan Bio-med engineering private limited

#190 A, Bharathiar Road, Ganapathy, Coimbatore - 641 006, Tamil Nadu, India.  
 Ph : +91-422-2533 806, +91-422-2531 008 | Mob : +91-98422 19018, +91-93631 21030  
 email : info@staan.in | website : www.staan.in

