

## TECHNICAL SPECIFICATION

Display	: 10" TFT Capacitive
Available I.V. Modes	: VCV, PCV, VACV, VSIMV, PSIMV, CPAP
Waveforms	: Volume, Pressure, Flow
PEEP	: 0 To 30 cmH <sub>2</sub> O (Electronic)
Pressure Support	: 0 To 50 cm H <sub>2</sub> O
Respiratory Rate	: 1 To 80 BPM
Inspiratory Pressure	: 5 To 100 cmH <sub>2</sub> O
Encoder	: Yes
Tidal Volume	: 40 To 2000 ml
Inspiratory Time	: 0.1 To 5sec
I:E Ratio	: 1:4-2:1
Trigger	: Pressure (0-20 cmH <sub>2</sub> O)
FiO <sub>2</sub>	: 21% To 100%
Apnea Backup	: Yes in VACV mode
Rechargeable Li-ion Battery	: Yes with upto 12 Hours Backup
FiO <sub>2</sub> Monitoring	: Yes

### Pneumatic Specification

Pipeline supply (1.5 ~ 6 bar)	: O <sub>2</sub> , N <sub>2</sub> O , Air
Cylinder Gas Supply	: O <sub>2</sub> , N <sub>2</sub> O (Pin Indexed Yokes)
Operational Modes	: Closed & Semi Closed Circuit System
Pressure Gauge	: 2 Nos. each for Pipeline and Cylinder, 1 No. for Airway Pressure.
O <sub>2</sub> Gas Supply Failure Alarm	: O <sub>2</sub> Pressure < 1.5 bar
N <sub>2</sub> O Cut Off	: N <sub>2</sub> O cut off with O <sub>2</sub> Gas Supply Pressure Fail.
O <sub>2</sub> flush	: 35 ~ 75 L/min.

### Monitoring Parameters

Waveforms	: P-T , F-T , V-T .
Parameters	: Vt, Peak Pressure, PEEP, R.R, Minute Volume, FiO <sub>2</sub> , Pmean Exp. Time, Ins. time

### Alarms

FiO<sub>2</sub> Low/Failure, Drive Gas Failure, High/Low R.R, Sensor Failure, Expiratory Error, Low Tidal Volume, Low Patient / Patient Disconnected, Low Battery, Low/High Minute Volume, High Pressure & Volume.



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Inventure Sales, Regd. Office : H-206, Naraina Vihar, New Delhi-110028  
+919818558570, +919205806692 sales@inventuresales.com; website : invsales.in