Transport Ventilator – 4 Nos.

**Specification**

1. Ventilator should be based on time cycle, volume constant and pressure-controlled emergency and transport ventilator.
2. Should be light weight and less than 5-6 kg.
3. Should have the following mode of ventilation
   - IPPV/SIPPV
   - SIMV with Pressure support
   - CPAP with Pressure support
   - BIPAP, BIPAP with Pressure support
   - Non Invasive ventilation with leakage compensation
4. Should have the following settings
   - Vt: 50 to 2000 ml
   - Frrq: upto 60 pbm
   - I:E ratio:1:4 to 2:1
   - Electronic PEEP : upto 20 ml
   - Inspiratory Pressure: upto 50 mbar
   - Flow Trigger : up to 15 lpm
   - Pressure support : upto 35 mbar
5. Should be Oxygen driven with variable Oxygen concentration from at least 50% to 100%.
6. Ventilator should display the total consumption of the gas
7. Should have in built graphical display for the monitoring of real time waveform like pressure & Flow.
8. Should monitored the following parameter
   - Tidal Volume, Frequency and Minute Volume
   - Peak, Mean, PEEP and Plateau pressure
   - Spontaneous Minute Volume
9. Should have integrate alarm functions for supply pressure, Low/high Pressure, Leakage, Low battery and battery status.
10. Should have integrated rechargeable battery back up for at least 4 hrs.
11. Should have integrated bed rail mounting facility.
12. Should be supplied with reusable 2 set of patient hose with expiratory valve, Flow sensor and face mask.
13. Should be certified according to international standard and standard from the manufacturer should be enclosed

**Warranty** : Comprehensive 5 years with CMC for 6 to 10 years after comprehensive warranty