

## **SPECIFICATIONS FOR MULTI-PARAMETER MONITOR**

- Eight channel high –resolution color TFT display with screen size at least 12” screen and auto spacing.
- Adjustable display formats and waveform colors.
- ECG Monitoring – 3 lead with cascade waveform facility, monitoring, diagnostic & OT modes of monitoring ECG.
- Pulse Oximetry (Spo2) – Branded Nellcor technology. Display of Plethysmograph with perfusion level indicator & Spo2 values, Spo2 Range 1 – 100%.
- Non invasive Blood pressure (NIBP) – Measurement and display of systolic, diastolic and mean pressure values of NIBP measurement through oscillometric method for adult, child & neonate. Adjustable alarm settings, mode: manual, STAT (continuous 5 minute operation ) and automatic (selectable Time interval 2 – 90 minutes)
- Temperature – with 2 units (C and F) selectable temp range: 0 – 50 deg Celsius.
- Respiration: RR range: 1-150 bpm, sourced through ECG cable or Co2.Priority to CO2. Apnea alarms should be provided.
- 2 IBP – facility for monitoring for 2 invasive BP with waveform simultaneously. IBP range: 40 to 300 mm Hg.
- Future upgradeable Anesthesia Gas Monitoring (AGM).
- Capnography – side stream capnography with display of CO2 waveform and digital values of ETCO2, FiCO2, RR.
- Trend : 24 hours graphical and tabular for HR, PR, SpO2,BP,EtCO2, RR,Temp, Alarm Recall
- Color coded & graded Audio Visual Alarm.
- Auto setting of alarm limits depending on present patient condition for all the parameters.
- Defibrillator and cautery protection should be provided.
- HR/PR source selection facility from Automatic, SpO2, IBP and NIBP.
- Demo mode for training the staff.
- Simultaneous use of invasive BP channels and temperature should be possible.
- Networking facility with Central Nursing station should be possible.
- Should have external slave monitor facility.
- Confirming to international standards – IEC 601-1, CE certification, US FDA.
- Should be supplied with : (Accessories) one 3 lead ECG cable with 100 disp. electrodes, Reusable SpO2 (Neonatal, Pediatric, Adult) sensor 1each with extension cables. NIBP cuffs – 1 adult, 1 child, 1 neonatal, 2 IBP reusable interface cable and 10 disposable transducer kit, CO2 monitor standard accessories, 1 temperature probe.