

## **Specification for Multichannel Vital Sign Monitor**

- Should have the facility of monitoring ECG, RR, SpO<sub>2</sub>, NIBP, Dual Temp, with AGM (with automatic gas identification for O<sub>2</sub>, CO<sub>2</sub>, N<sub>2</sub>O, Halothane, Desflurane, Isoflurane, Enflurane and Sevoflurane and with facility to display primary and secondary Anesthetic Agents simultaneously along with MAC value and four independent IBP's for Adult, Paediatric & Neonatal applications.
- Should have integrated colour TFT display of at least 12" or more.
- Should have facility of viewing at least 8 waveforms simultaneously.
- Must use Nellcor or Masimo pulse oximetry module with facility for display of plethysmograph, pulse strength & SpO<sub>2</sub> values.
- Should have non-volatile Graphical & Tabular trend facility for at least 60 hrs.
- Should operate independently on both mains and battery. Battery backup for at least 120 Minutes .
- Should have alarm limits with alarm levels and alarm indication (visual as well as audio)
- 3/5 lead ECG measurement and simultaneous monitoring of two temperatures
- Should be upgradeable with 12 lead ECG module for viewing display of lead I, II, III, aVR, aVL, Avf & Lead V1-V6 with 10 lead ECG cable
- Monitor should be upgradeable with Cardiac Output module (Thermo-dilution method), at site.
- Monitor should be compatible with wireless Central Nurses station meant for connecting/ monitoring simultaneously 8 or 16 monitors
- Unit should be supplied with following accessories:
  - a. 3 lead ECG cable with disposable electrodes – 10 no of disposable electrodes
  - b. NIBP CUFF – Adult & Paediatric
  - c. Temp probe Tape on skin (YSI 400 Series)
  - d. SpO<sub>2</sub> PROBE – One no. for adult use.
- Monitor should have built in Electro Surgical Unit & Defibrillator protection.
- Must be IS/CE MARKED and US FDA approved.
- Should submit relevant evidence of compliance to IEC 60601 series Safety standards and US FDA approval

Please quote separately cost of Reusable Invasive Blood pressure Transducer with respective cables, Disposable Invasive Blood pressure Transducer with respective cables, 12 lead ECG upgrade kit. Also separately provide cost of consumables not covered under guarantee period.