

SPECIFICATION FOR FETAL MONITOR (CTG)

- Should be High End Digital Technology System.
- Should have Twin Monitoring Facility.
- Ultrasound Frequency should be 1.0 MHz.
- Ultrasound power should be $< 1.0\text{mW/cm}^2$.
- Should have FHR Accuracy ± 1 bpm.
- Should have FHR Range 5-21 bpm.
- Should have Color LCD Display of Waveforms, FHR, Trend, etc.,
- Should have Fetal Movement Display Facility.
- Should have Automatic Fetal Movement Detection Facility.
- Should have Built-in Thermal Printer for printing on A4 & B5 Size Paper.
- Should have the facility for using both Grid Type and plain type Paper.
- Should have Alarm Facility.
- Should have facility for Central Monitoring Connectivity-Wireless.
- Auto CTG Analysis of No. of UC, Baseline HR, etc. should be available.
- Should have Built-in Rechargeable Battery of Ni-Mh back up.
- Should have 12 Hours Memory Facility for Data Storage and Review.
- Should have the Facility of Rotary Knob for Scrolling.
- Probes should be Water Proof.
- Weight should be less than 3.8 kgs.
- Recording Speeds should be of 1, 2, 3,50cm/min.
- Recorder Resolution should be 8×10 dots/mm.
- Offset Facility when monitoring twins should be available.
- Event Marker should be available.
- Should be Certified by CE, ISO, GMP, etc.,