CTG7 Fetal/Maternal Monitor

- 7” TFT color screen, adjustable to any angle 0-90°
- Displays 3 waveforms with numerics
- Single fetus monitoring, Uterine Activity standard
- Twin fetus monitoring optional
- Maternal ECG/HR, NIBP and SpO₂/PR monitoring optional
- Automatic fetal movement display
- Manual fetal movement marker, visible on waveform display and recording
- Event marker key for quick notation of important events
- Selectable FHR sound source between US1 and US2 transducer
- Integrated transducer probe holder
- 150mm integrated recorder
- 72-hour trend review and printing
- Fetal waker device optional
CTG7 Fetal/Maternal Monitor

**Fetal Heart Rate (FHR)**
- Parameters: FHR1, FHR2 (optional)
- Measurement range: 50 - 240 bpm
- Accuracy: 50 - 210 bpm: ±2 bpm; 211 - 240 bpm: ±4 bpm
- Sweep speed: 1, 2, 3 cm/min

**Uterine Activity (TOCO)**
- Measurement range: 0 - 100
- TOCO baseline: 5, 10, 15, 20 (selectable)

**Maternal ECG/HR (MECG) (optional)**
- Lead type: 3-lead
- Lead selection: I, II, III
- HR measurement range: 15 bpm - 300 bpm
- Accuracy: ±1 bpm or ±1%, whichever is greater
- Sweep speed: 12.5, 25, 50 mm/s
- Gain selection: x 1/4, x 1/2, x 1, x 2, x 4, Auto

**Maternal Non-Invasive Blood Pressure (NIBP) (optional)**
- Method: Automatic oscillometric
- Parameters: SYS/DIA/MAP
- Operating modes: Manual/Auto/STAT
- Auto measure intervals: 1-10, 15, 30, 60, 90, 120, 180, 240, 480 minute intervals
- Units: mmHg/kPa
- Cuff pressure range: 0-300 mmHg (0 kPa - 40 kPa)
- Measurement and alarm range: SYS: 30 mmHg - 254 mmHg (4.0 kPa - 33.9 kPa)
  DIA: 10 mmHg - 220 mmHg (1.3 kPa - 29.3 kPa)
- Accuracy: Max. Mean Error: ±5 mmHg (±0.7 kPa)
- Max. Std. Deviation: 8 mmHg (1.1 kPa)
- Over-pressure protection: Yes

**Maternal SpO₂/PR (optional)**
- Philips SpO₂ technology
- Measurement range: 0-100%
- Accuracy: 70-100%, depends on sensor
  0-69%, unspecified
- Waveform speed: 12.5 mm/s, 25 mm/s, 50 mm/s
- PR measurement range: 30 bpm-300 bpm
- Accuracy: ±1 bpm or ±2%, whichever is greater

**Data Review and Storage**
- 72-hour trend graph of fetal parameters
- 800 sets- all parameters, trend table

**Recorder**
- Type: Built-in thermal recorder, 150 mm
- Print mode: Real-time recording, timed recording, selectable trends printing
- Print speed: 1, 2, 3 cm/min
- Print paper: Standard Z-fold, 150mm
- Int'l standard: 50 - 210 bpm; USA standard: 30 - 240 bpm

**Display**
- Type: Color TFT LCD, adjustable
- Size: 7"?
- Resolution: 480 x 234 pixels
- Channels: 3 channels (FHR1/FHR2, TOCO, SpO₂ or MECG)

**Power Supply**
- AC power input: 100-240 V AC, 50/60 Hz
- Battery: Li-Ion battery
- Maximum 4 hours of continuous monitoring FHR and TOCO

**Parameters**
- Standard: FHR1, Uterine Activity (TOCO), Auto/Manual Fetal Movement
- Optional: FHR2, Maternal ECG/HR, Maternal NIBP and SpO₂/PR

**Weight & Dimensions**
- Net Weight: Approx. 5.0kg (with battery)
- Dimensions: 300 mm (W) x 340 mm (D) x 120 mm (H)

**Safety Approval &Quality System**
- Safety standard: IEC60601-1
- Quality system: ISO9001 & ISO13485 certified

Specifications subject to change without notice

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