COROMETRICS® 120 SERIES MATERNAL/FETAL MONITORS

- Comprehensive maternal/fetal monitor provides the ability to address every monitoring need for both the mother and the fetus
- **Model 126**: Dual ultrasound, FECG and Uterine Activity
- **Model 128**: Maternal NIBP and SpO2, in addition to Model 126 features
- **Model 129**: Maternal 3-lead selectable ECG in addition to Model 128 features

**Specifications**

**Ultrasound Mode**

**FECG Mode**

**Fetal Alarms**
- (for ultrasound or FECG modes) Audio: alternating 1.5 second chimes (773 Hz and 523 Hz). Visual: flashing heart rate numeric. Limits: user selectable high and low fetal heart rate. Technical: signal quality. Tachycardia response time: 5 minutes at 100% limit violation. Bradycardia response time: 30 seconds at 100% limit violation. Signal quality response time: 100% signal loss – 1.25 minutes, 70% signal loss – 5 minutes, 65% signal loss – 10 minutes.

**Fetal Pulse Oximeter Mode**
- Technique: spectrophotometry and plethysmography. Saturation range: 10-100%. Saturation accuracy: reproducibility is one standard deviation = 4.7%. Nominally, 67 of the measurements across the population will be within ±

**Uterine Activity Mode**

Range: 0-100 mmHg strain gauge, 0-100 relative units tocotransducer. Resolution: 1 mmHg stain gauge, 1 relative unit tocotransducer. Bandwidth: dc to 0.5 Hz strain gauge and tocotransducer. Excitation voltage: strain gauge +4.0 VDC.

**Maternal BP Mode**

Technique: oscillometric. Blood pressure range: 20-255 mmHg (2.7 – 34 kPa). Pulse rate range: 40-240 BPM. Blood pressure accuracy: ±5 mmHg with a standard deviation no greater than 8 mmHg. Pulse rate accuracy: ±2 BPM or ± 2%, whichever is greater. Display/record: systolic, diastolic, and mean pressure; pulse rate.

**Maternal Pulse Oximeter Mode**

Saturation range: 0-100%. Pulse rate range: 30-250 BPM. Saturation accuracy: %SpO2 ± 1 SD: 70-100% ±2 digits, 50-69% ± 3 digits. 0-49% unspecified. Pulse rate accuracy: ±3 BPM

**MECG Mode**


**Power Requirements**

Line voltage: 100/120/220/230/240 VAC. Line frequency: 50/60 Hz. Power consumption: 100W/0.4 A maximum.

**Physical Specifications**

Height: 6.7”, 17 cm. Width: 16.4”, 41.9 cm. Depth: 17.3”, 43.9 cm. Weight: 24 lbs (10.9 kg) approximate.

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