



Every 120 Series Monitor features the clinical excellence that has set the standard in m/f monitoring for more than 30 years. patented smart bp, heartbeat coincidence, spectra alerts, Dinamap non-invasive blood pressure algorithm, and 9-crystal pulse doppler ultrasound transducers... you can trust the data as an accurate assessment of mom and baby's progress. Labor can be unpredictable.

Be prepared with a monitor that can help you manage the entire process - even in the most difficult cases.

The Corometrics 120 monitor interactive training CD provides a step-by-step review of the disassembly and reassembly process. From the introduction of the parts down to the removal of the front bezel power switch, this interactive CD gives a comprehensive approach to servicing the 120 series.

## Features

- Model 126: Dual ultrasound, FECG and Uterine Activity, Fetal SpO2 (optional), Maternal BP, Maternal SpO2, 3 ea Serial Interface
- Model 128: Maternal non-invasive blood pressure technology and SpO2, in addition to Model 126 features
- Model 129: Maternal 3-lead selectable ECG in addition to Model 128 features



## Specifications

### Dimensions

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

### Ultrasound Mode

Technique: pulse Doppler with autocorrelation processing  
Transducer type: 9-crystal  
Pulse reception frequency: 4 kHz single ultrasound mode, 2 kHz dual ultrasound mode  
Pulse duration: 92  $\mu$ s  
Transmitter frequency: 1.151 MHz  
Intensity:  $<5\text{mW/cm}^2$   
Heart rate counting range: 50-210 BPM  
Leakage current:  $<10\ \mu\text{A}$  at 120-240 VAC, isolated by transducer

### 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  $\pm$  standard deviation  
Wavelengths: red: 735  $\mu\text{M}$ , nominal; infrared: 890 $\mu\text{M}$ , nominal  
Response time: user-selectable: slow and fast averaging modes  
Transmitter frequency: 1.151 mHz

### Maternal Pulse Oximeter Mode

Saturation range: 0-100%  
Pulse rate range: 30-250 BPM  
Saturation accuracy: %SpO<sub>2</sub>  $\pm$  1 SD: 70-100%  $\pm$ 2 digits, 50-69%  $\pm$  3 digits, 0-49% unspecified  
Pulse rate accuracy:  $\pm$ 3BPM

### 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

### Power Requirements

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