



The GE **Corometrics 170 Series** is a fetal monitor that can be used in both medical offices and hospitals. The 170 Series of Fetal Monitors is a lightweight monitor that can effectively and accurately monitor both the mother and baby at the same time. This offers a non-invasive way of tracking the baby's heart rate. At the same time, the monitor comes with a 9-crystal Pulsed Doppler Ultrasound technology that comes with a wide beam to help clearly detect the fetal heart rate. Along with monitoring TOCO and fetal movement with high and low heart rate alarms. The Corometrics 170 is a monitor for a single baby where the Corometrics 172 is used for twins. The GE Corometrics 170 has a larger easy read LED Display screen, that makes it easier to read at a distance.

## Features

- Alerts you to fetal heart rate concerns - The fetal heart rate alarm provides both audible and visual alerts if the heart rate is higher or lower than the range you set as normal
- Helps you place the transducer - Independent volume controls make it easier to locate the transducer for most effective monitoring
- Can monitor multiple heart rates - There is an option to monitor twins
- Displays important information prominently - The large, easy-to-read LCD display clearly presents information about fetal heart rate and uterine activity
- Offers portability - An optional mobile roll stand cart lets you transport the monitor and all of its necessary accessories



# Specifications

## Dimensions

Height: 5.75 in (14.6 cm)  
Width: 16.75in (42.5 cm)  
Depth: 10 in (25.4 cm)  
Weight: approximately 8 lbs (3.6 kg)

## Power Requirements

Nominal line voltage: 100-230 VAC  
Line frequency: 50/60 Hz (operates over 47-63 Hz)  
Power consumption:  $\leq 30$  VA  
Monitor DC input: 12 Vdc at 2.5A

## Operating Specifications

Technique Pulsed Doppler with auto correlation processing  
Transducer Type 9-crystal  
Pulse Repetition 2 kHz (all modes)  
Frequency Pulse Duration 92  $\mu$ s  
Transmitter Frequency 1.151 MHz  
Spatial-Average Temporal  $I_{sata} < 5$  mW/cm<sup>2</sup>  
Average Intensity  
Focal 20 dB Beam Area 16.6 cm<sup>2</sup>, at a range = 7 cm  
Peak Instantaneous 1.8 mW/cm<sup>2</sup>  
Intensity  
Heart Rate Counting Range 50-210 BPM  
Leakage Current Complies with IEC 60 1.1 and/or IEC 601.1.1 harmonized national standard; Complies with EN 60601-1-2:2002

## Ultrasound Mode

Technique: pulsed Doppler with autocorrelation processing  
Transfer transducer type: 9-crystal  
Pulse repetition frequency: 2 kHz (all modes)  
Pulse duration: 92  $\mu$ s  
Transmitter frequency: 1.151 MHz  
Spatial-Average temporal average intensity:  $I_{sata} < 5$  mW/ cm<sup>2</sup>  
Focal 20 dB beam area: 16.6 cm<sup>2</sup>, at a range = 7 cm  
Peak instantaneous intensity: 1.8 mW/cm<sup>2</sup>  
Heart rate counting range: 50-210 BPM  
Leakage current: complies with IEC 601.1 and/or IEC 601.1.1 harmonized national standard

