

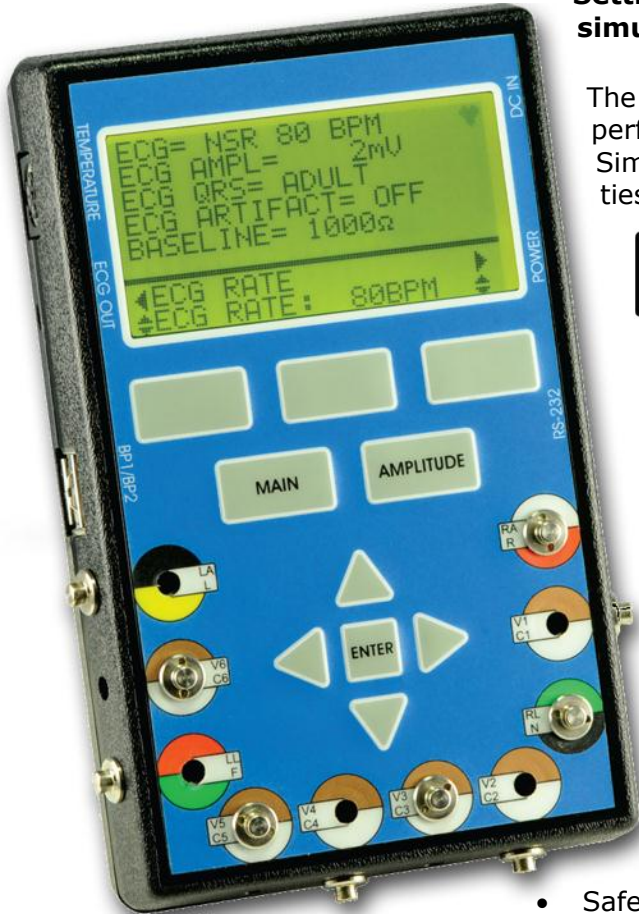


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FMS-3

Fetal/Maternal Simulator with Triplets Capability

Setting a new performance standard in Fetal/Maternal simulation...



The FMS-3 Fetal/Maternal Simulator sets a new standard of performance and value in simulators for fetal monitors. Simply, the FMS-3 provides enhanced simulation capabilities, more simulation channels, additional functionality, and full 5-lead Maternal ECG simulation, all at a price that is considerably less than competitive models. It's unique features include three (3) channels of ultrasound simulation for detection and monitoring of "Triplets".



- Two (2) direct Fetal ECG's
- Five (5) full Maternal ECG leads
- Four (4) separate Fetal ECG tracings
- Three (3) Fetal ultrasound channels with "Triplets" capability
- Thirteen (13) Fetal static ECG rates
- Fifteen (15) trends of Fetal data representing real-life case studies
- Large easy-to-read display with backlight
- Easy to operate
- RS232 interface for connection to a PC or our ES601 Plus Automated Electrical
- Safety & Performance Analyzer
- Single 9-volt battery operation or use with an external AC power adapter for continuous simulation.

At just 5.5" x 3.6" x 1.3" and weighing in at only 11.5 ounces, the FMS-3 is a featurepacked Fetal/Maternal simulator in one of the smallest and lightest weight physical packages available. It's smaller, lighter, and more cost effective than any other similarly-featured Fetal/Maternal simulator on today's market.

The FMS-3 is backed by the Datrend Systems 5-Year Warranty!



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FMS-3

Fetal ECG

2 direct Fetal ECG channels
 1 combined Maternal/Fetal channel

Fetal 1

- 13 Static ECG Rates: 30, 60, 80, 90, 100, 120, 140, 150, 160, 180, 200, 210, 240 BPM
- 6 Sensitivity Settings: 50, 100, 200, 500, 1000, 2000 μ V
- 24 Patterns: Normal, Tachy, Brady, Arrhythmia, Sine, Accelerations and Decelerations
- 8 Variability Settings
- 15 Trends of data representing real-life case studies
- 3 Performance Waveforms

Fetal 2

- 6 Static ECG Rates: 60, 80, 100, 140, 160, 200 BPM
- 6 Sensitivity Settings: follows Maternal Settings
- 6 Patterns with variability

Optional Fetal Mechanical Heart

Provides a mechanical interface to the fetal monitor's ultrasound transducer and can be connected to any of the three (3) ultrasound (US) channels.

Ultrasound Simulations

- US-1 tracks Fetal1 ECG rates.
- US-2 tracks Fetal2 ECG rates or one of 6 Fetal2 Patterns
- US-3 tracks one of 6 Fetal 2 Patterns

Patterns:

- Acceleration: Wave #1, Wave #2, Compensatory
- Deceleration: Early, Late, Moderate Variable, Severe Variable #1, Severe Variable #2, Prolonged, Biphasic, Exaggerated, Non-uniform, Variable "U", Variable "V", Variable High Rate, Variable Post Exaggerated, Variable with Position Changes, Long
- Sinusoidal: Large, Small



Maternal ECG

Rates: Five (5) ECG leads @ 60, 80, 100, 120, 140, 160 BPM
Sensitivity: 0.5mV, 1 mV, 2 mV, 3 mV, 4 mV and 5 mV
Hi Level Output: 0.5V per 1 mV

Uterine/TOCO Activity

Static levels: -5, 0, 20, 40, 60, 80, 100, 150 and 200 mm Hg
Waveform: 0 - 25, 0 - 40, 0 - 50, 0 - 60, 0 - 80, 0 - 100 mm Hg
Sensitivity: 5 or 40 μ V/V/mmHg

Toco Simulations

- Wave Duration: 40, 80, 90, 110 sec
- Respiration artifact: 3 rates plus variable
- Baseline wandering: 2 ^aPressure and 5 ime settings
- Tocodynamometer
- Hypotonic Toco amplitude
- Picket Fence
- Coupling
- Tripling
- Irregularities
- Hypertonic
- Hypertonus
- 'V' Spikes
- Elevated Baselines

Physical Characteristics

Size: 5.5" x 3.6" x 1.3" (14cm x 9.1cm x 3.4cm)
 Weight: 11.5 oz. (0.33 kg)
 Display: 128 x 64 Graphical LCD, backlit
 Operating Temperature: 59°F to 95°F (15°C to 35°C)
 Storage Temperature: 32°F to 122°F (0°C to 50°C)
 RS-232 Control

Power

Battery: single 9-volt alkaline battery
 Battery eliminator for AC power (required when using optional Fetal Mechanical Heart)

Tutte le specifiche sono soggette a cambiamenti senza preavviso

Contact us for a full list of cables and other accessories for the FMS-3.



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