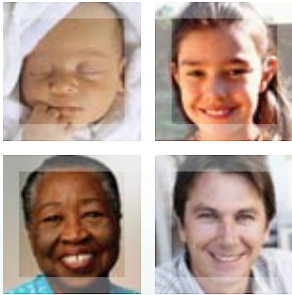


FETALGARD Lite® – NIBP



Whether in the office or in the home, new moms can have the security of knowing their little ones are safe.

Lightweight and rugged

- Unique NST Graticule Indicator
- Trace Scroll
- Battery Operation
- Transducer-based Signal Indicator
- Single or Twins Ultrasound
- Programmable Alarms
- Advanced Patient Data Storage

Features

- NIBP for monitoring PIH (Pregnancy-Induced Hypertension)
- Advanced digital signal processing for "beat-to-beat" registration
- Optional wide-beam, waterproof, ultrasound transducer
- Automatic patient ID generation



FETALGARD Lite® – NIBP

- Simple "on-screen" identification of accelerations
- Advanced PC-based viewing, reporting, communications, storage, and printing
- 12-hour CTG memory • Transducer-based FHR signal indicator with low-power ultrasound
- Optional wide-beam, waterproof, ultrasound transducer
- Automatic patient ID generation
- Repairable transducers and one-year device warranty
- Single or twins, standard paper from other manufacturers, programmable alarms, and more

Ultrasound Technique

Pulsed Doppler with auto-correlation digital signal processing
Center Frequency: 1.024 MHz
I(SATA) at the transducer face: 0.766 mW/cm² + 27.8/-23.6%
Heart Rate Range: 50-240 BPM
Resolution: ±1 BPM
Leakage Current: <10 µA@ 264 VAC
Signal Indicator: Flashing LED with heart rate

Uterine Activity

Range
Tocotonometer: 0-100 Relative Units
Resolution: 1 Relative Unit

NIBP Performance

Blood Pressure Accuracy: Meets performance standards of ANSI/AAMI SP10-2002(1)
Technique: Oscillometric
Cuff Pressure Display: 10 to 300 mmHg
Pulse Rate Range: 40 to 200 bpm
Pulse Rate Accuracy: Greater than ±2 bpm or ±2%
Initial Cuff Inflation: 120 mmHg – 160 mmHg
Subsequent Cuff Inflation: Prev SYS within 30 mmHg

Blood Pressure Measurement Range

Systolic: 40 to 260 mmHg
Diastolic: 20 to 200 mmHg
Mean Arterial Pressure: 45 to 235 mmHg

Measurement Modes

Auto: Automatic measurements at intervals of 1, 3, 5, 10, 30, 60 and 90 minutes
Manual: Single measurement initiated by Start/Stop button
STAT: Series of consecutive measurements for 5 minutes

Specifications – Recorder

Recorder Drive Speeds:
 1, 2, and 3 cm/minute, 30 cm/minute (batch mode)

Heart Rate Scale

Chart Width:
 USA – 7 cm
 International – 8 cm
Scaling:
 USA – 30 BPM/cm
 International – 20 BPM/cm
Range:
 USA – 30-240 BPM
 International – 50-210 BPM
Resolution:
 USA – 1 BPM
 International – 1 BPM

Uterine Activity Scale

Width: 4 cm
Scaling (Tocotonometer): 25 Relative Units/cm
Resolution: 1 Relative Unit
Accuracy: ±1%

Physical Characteristics

Dimensions: 18 cm H x 24.2 cm W x 13 cm D
 (7 in. H x 9.5 in. W x 5 in. D)
Weight: approximately 1.9 kg (4.5 lbs)

Power

Line Voltage: 100-120 VAC or 220-240 VAC
Line Frequency: 50/60 Hz
Power Consumption: battery operation 4 hours typical at room temperature (25°C)
 115 VAC ±10%, 50-60 Hz, 0.15A
 230 VAC ±10%, 50-60 Hz, 0.08A

Display

Back-lit LCD Screen: 10.3 cm x 7.9 cm
 (4.05 in. x 3 in.)

Options

Remote Marker
 FETALGARD Lite Roll Stand
 FETALGARD Lite Remote Viewing Program
 Carrying Case

Certifications

The FETALGARD Lite family of fetal monitors are certified to the following standards:
 UL60601-1
 CAN/CSA C22.2 No. 601.1.1-M90
 IEC60601-1, IEC60601-1-1, IEC60601-1-2:2001, and EN60601-1+A1, A2, A13



- < The FETALGARD Lite Recorder provides quiet, standard, and high-speed printing of high-resolution waveforms and alphanumerics, and is easy to load. When equipped with optional FETALGARD Lite View Software, recording can also be accomplished via a PC to a printer.
- < FETALGARD Lite Roll Stand, allows flexibility of use and patient mobility.



ISO 13485
 Certificate Number FM 72259

CAS Medical Systems, Inc.

44 East Industrial Road
 Branford, CT 06405 USA
 Telephone: 203 488 6056
 Toll Free: 800 227 4414
 www.casmed.com

Dealer Imprint