



progetti
Medical Equipment Solutions

PG 800L / PG 800P

Fetal / maternal monitor



PG 800L



- Single or Twins (option) ultrasound transducer
- Data graph and trend table review of both mother and fetal and built-in thermal printer
- Programmable alarms
- Multi-face views, select focus on mother or fetal
- Storage of patient information and data



PG 800P



MONITOR



PG 800L / PG 800P

+ PG 800L

PERFORMANCE SPECIFICATIONS

Display: The 7 inch colour display TFT LCD shows FHR, TOCO, FM, maternal parameters, time, date, volume and so on, it support freeze and review monitor data
Resolution: 800x480
Power supply: AC 100-240V, 50/60Hz
Power consumption: < 70 VA
Battery: 7.4V lithium battery, 2200 mAh/14.8 V
Capacity: Maximum 4 hours of continuous monitoring FHR and TOCO
Charging mode: Connect the Monitor to AC power and battery charging is started automatically
Discharge protection: In battery-powered mode, the Monitor will automatically turn off when the battery nearly runs out.
Data storage: 3000 hours trend graph of fetal parameters
Alarm: adjustable high and low limits
Dimension: 295x240x73 (mm) (L X W X H)
Net weight: 1.75kg

Environment

Working environment: Temperature: +5°C ~ +40°C; Humidity: < 85%
Atmospheric pressure: 86kPa ~ 106kPa
Transport and storage temperature: Temperature: -10°C ~ +55°C; Humidity: < 93%
Atmospheric pressure: 86kPa ~ 106kPa
Probe acoustic output: In accordance with the provisions of 1992 IEC1157, negative peak sound pressure shouldn't exceed 1 MPa, and the beam intensity shouldn't exceed 20mW/cm². Spatial peak instantaneous average intensity density shouldn't exceed 100mW/cm². The sound intensity of this model does not exceed 5mW/cm². Sound output meets the conditions exempted from publication.
Coupling agent (GEL): Viscous water-based compound, no skin irritation or allergy, chemically stable, bacteriostatic.

Fetal Heart Rate:

Transducer: Multi-crystals, Wide beam, pulsed doppler, high sensitivity.
Strength: <5mW/cm²
Working frequency: 1.0MHz
Signal processing: special digital signal.
Measurement range: 50~210 bpm / 30-240bpm
Alarm Range:
High limit: 160,170,180,190 bpm
Lower limit: 90,100,110,120 bpm
Maximum audio output: 1.5 W

TOCO:

Measurement range: 0~100 units

STANDARD CONFIGURATION

Fetal monitor, FHR probe, TOCO probe, printer, marker, recorder paper, power cable

OPTIONS

Twins probe
Touch screen version
Trolley
Wall Mount

+ PG 800P - MATERNAL FUNCTION ONLY

PERFORMANCE SPECIFICATIONS

Display

Type: 12.1inch Color TFT LCD, adjustable, touch screen
Resolution: 800*600

Data storage

39 hours trend graph of fetal parameters.

Power supply

AC Power input: 100-240V AC 1.0A 50/60 Hz
Battery: Li-Ion battery, 2200mAh/14.8V
Maximum 4 hours of continuous monitoring

Weight & Dimensions

Net Weight: 3.5 kg
Dimensions: 350(L) * 320(W) * 85(H) mm

Fetal Heart Rate (FHR)

Parameters: FHR1, FHR2 (optional)

Measurement range: 50 - 210 bpm

Accuracy: ±2 bpm

Sweep speed: X1, X2, X4, X8

Transducer: 9 crystals, Pulse Doppler, high sensitivity

Frequency: 1.0MHz

Probe: wired/wireless

Uterine Activity (TOCO)

Measurement range: 0 - 100

TOCO baseline: 0, 5, 10, 15, 20 (selectable)

Maternal ECG/HR (MECG)

Lead type: 5-lead

Lead selection: RA, LA, RL, LL, VHR

measurement range: 15 bpm - 300 bpm

Accuracy: ±1 bpm or ±1 %, whichever is greater

Respiration Rate

RESP Rate range: 7 rpm - 120 rpm

Accuracy: ±2 rpm/min or ±2 % reading, whichever is greater

Maternal Non-invasive Blood Pressure (NIBP)

Method: Automatic Oscillometric

Parameters: SYS/DIA/MAP

Operating modes: Manual/Auto

Auto measure intervals: 3/5/10/20/30/60/90/120/240 minutes

Units: mmHg/kPa

Cuff pressure range: 0 mmHg - 300 mmHg (0 kPa - 40.0 kPa)

Measurement and alarm range:

SYS: 50 mmHg - 240 mmHg (6.7 kPa - 32.0 kPa)

MAP: 25 mmHg - 200 mmHg (3.4 kPa - 26.6 kPa)

DIA: 15 mmHg - 180 mmHg (2.0 kPa - 24.0 kPa)

Accuracy: Max. Mean Error: ±3 mmHg (±0.4 kPa) or ±2 of reading, whichever is greater

Over-pressure protection: Yes

Maternal SpO2

Measurement range: 70 - 99 %

Accuracy: ±3 %

PR range: 30 - 240 bpm

Accuracy: ±2 bpm/min or ±5 % reading, whichever is greater

Temperature

TEMP range: 0 - 50 °C

Resolution: ±0.1 °C

STANDARD CONFIGURATION

Fetal monitor, FHR probe, TOCO probe, printer, marker, recorder paper, power cable, Maternal NIBP, SpO2, PR, ECG, HR, RESP, TEMP, Fetus waker.

OPTIONS

Twins probe, Touch screen version, Trolley, Wall Mount



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ISO 13485:2016 CERTIFICATION



Quality system ISO certified

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