

# PG-800G



Fetal / maternal monitor



Single or Twins (option) Ultrasound transducer

Data graph and trend table review of both mother and fetal and built-in thermal printer

Built-in network capability for connect with central monitoring software

Programmable alarms

All the colors and looks of the parameters can be customized

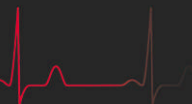
Multi-face views, select focus on mother or fetal

Storage of patient information and data



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# PG-800G

## PERFORMANCE SPECIFICATIONS

Display: 8.4" Color TFT LCD  
Resolution: 640x480  
Display Mode: Standard View, Fetal View, Mother View  
Indicator: Power indicator light, Alarm sound  
Interface: Socket for connecting fetal's FHR, TOCO, and Fetal Movement sensor. Socket for connecting mother's ECG, NIBP and SPO<sub>2</sub> sensor (optional). Net Socket (RJ45) for communication cable with Central Monitoring Station Software  
Power Supply: AC 100 ~ 240V, 50/60Hz, Power < 60VA  
Trend Graph: Resolution from 1s, 5s, 10s.  
Maximum time 96 hours  
Trend Table: Resolution from 1s, 5s, 10s.  
Review up to 1000 items  
Alarm: Adjustable High and Low limits  
Three levels audible and visual alarms  
User Configuration: All the color of parameters and waves can be set according to user's willing

## TECHNICAL SPECIFICATIONS

### SAFETY

Meet the requirement of IEC60601 series  
Type of Protection: Class II with internal electric power supply  
Degree of Protection: BF

### DIMENSION AND WEIGHT

Dimension: 92(W)x82(H)x22(D)mm  
Weight: 136g(with battery)

### OPERATION ENVIROMENT

Temperature: 0°C~ +40°C  
Humidity: 15% ~ 95%  
Storage Environment:  
Temperature: -20°C~ +60°C  
Humidity: 10% ~ 95%  
Patient Range: Pregnant Adult

### FHR

Ultrasound Frequency: 2MHz  
Range: 50 ~ 210 bpm  
Resolution: 1bpm  
Accuracy: ±2bpm

### TOCO

Range: 0 ~ 100%  
Resolution: 1%  
Non-linear Error: <=±8%  
Zero control: Manual

## STANDARD CONFIGURATION

Fetal monitor, FHR probe, toco probe, built-in printer, marker, recorder paper, power cable

## OPTIONS:

Twins probe, maternal ECG / SpO<sub>2</sub> / NIBP

## FETAL MOVEMENT

Manual fetal movement mark

## MATERNAL SPO<sub>2</sub> ( optional )

Measurement Range: 0 ~ 100%  
Resolution: 1%  
Accuracy: ±2%(70%~100%, Adult/Pediatric, non-motion)  
±3%(70%~100%, Neonate, non- motion)  
0% ~ 69% unspecified  
Alarm Range: 0% ~ 100%  
Refreshing Rate: 1s

## PULSE RATE

Measurement Range: 25 ~ 250 bpm  
Resolution: 1bpm  
Accuracy: ±3 bpm (non-motion)  
Alarm Range: 25 ~ 250 bmp  
Refreshing Rate: 1s

## MATERNAL ECG ( optional )

Lead mode: 3-lead or 5-lead  
Lead selection: I, II, III, AVR, AVL, AVF, V  
HR range: 15 ~ 300 bpm  
ECG Waveform: 2 channels  
Accuracy: ±2bpm or ±2%, which is greater  
S-T segment detection range: -2.0mv ~ +2.0mv  
Arrhythmia analysis: 13 kinds of arrhythmia  
Alarm Range: 15 ~ 300 bpm

## MATERNAL NIBP ( optional )

Method: Oscillometry  
Mode: Manual/Auto/Continuous  
Measurement Range:25 ~ 260mmHg  
Auto Measure Interval: 5, 10, 15, 30, 45, 60, 90 minutes  
Resolution:1mmHg  
Overpressure Protection: 300mmHg  
Alarm range:25 ~260mmHg

## Components:



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### PROGETTI s.r.l.

Via Bruno Buozzi, 28 • 10024 MONCALIERI (TO) ITALY  
Tel. +39 011 644 738 Fax +39 011 645 822  
info@progettimedical.com [www.progettimedical.com](http://www.progettimedical.com)



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