

PW9000B | Maternal/Fetal Monitor



Features:

- ◆ light and compact design, simple to use front panel controls
- ◆ 12.1" TFT Colour screen ,folding 90 degree
- ◆ The system setup can be done very easy and can be stored automatically
- ◆ The internal line 152mm thermal printer can records FHR ,TOCO ,The life exceed over 20 years
- ◆ A standard patient event marker and a clinical event marking button to separately mark Clinical events
- ◆ Auto Fetal movement are available
- ◆ Multi-crystals ,wide beam form, high sensitivity ultrasound transducer ,low ultrasound power, Safer to the fetal
- ◆ AC or LI-battery operated
- ◆ More than 12 hours data storage, then can be played and reprinted
- ◆ Build-in interface to the central nurse station

Technical Specifications

FHR

Transducer:
Strength:
Working Frequency:
Signal Processing:
Measurement Range:
Alarm Range:

Multi-crystals, wide wave beam, pulsed-wave working method, high sensitivity
< 5mW/cm²
1.0MHz
Special DSP system and modern recognition
50~240bpm
High Limit: 160, 170, 180, 190 bpm
Low Limit: 90, 100, 110, 120 bpm
Maximum Audio Output Power: 1.5 Watt

TOCO

Measurement Range:
SpO₂ Measurement

HR Measurement

NIBP Measurement

Measurement Range

NIBP Accuracy:
HR Measurement Range:
HR Measure Accuracy:
Measure Mode:

0-100 units
Measurement Range: 70%~99%
Measure Accuracy: ±3% error
Measurement Range: 30bpm~240bpm
Measure Accuracy: ±2 bpm

SYS 6.7~32.0kPa(50~240mmHg)
MEAN: 3.4~26.6kPa(25~200mmHg)
DIA: 2.0~24.0ka(15~180mmHg)
±1.1kPa (±8mmHg) or ±5% of results, taking the bigger one;
40bpm~240bpm
±2 bpm or ±5% of the results, taking the bigger one.
Manual to start/stop NIBP measurement



Temperature

Arrange:
Resolution:
Accuracy:

0~50 °C
0.1 °C
0.1 °C (excluded the error caused by transducer)

Display

LCD shows the FHR trace, TOCO tracd, FM, Doctor Event Mark, Time, Volume etc monitor state, and also it can store and playback.

Dimension:
Net Weight:
Environment:

350L×320W×85H (mm)
3.5 kg
Working Environment: Temperature: +5 °C ~+40 °C
Atmospheric Pressure: 86kPa ~106kPa
Transport and Storage Temperature: Humidity: < 93%

Atmospheric Pressure: 86kPa ~106kPa

Transducer Acoustic Output:

Under the requirements laid down in IEC 1157, 1992, the peak negative acoustic pressure does not exceed 1Mpa. The output beam intensity does not exceed 20mW/cm² and the spatial-peak temporal average intensity does not exceed 100 mW/cm². The sound intensity of this monitor will not exceed 5mW/cm².

GEL

Viscous aqueous non-sensitizing, hypo-allergenic and non-irritating to skin. Bacteriostat (not sterile)

Standard: Maternal Spo₂,HR,NIBP,Temp,ECG,RR,TOCO,FHR,FM

Option: twin monitoring,FAS(Fetal acoustic simulator)