

**Fetal Monitor Petit CTG standard equipment**

- Ultrasound Transducer 1
- Uterine Contraction Transducer 1

**Accessories**

- AC adapter for charging 1
- Branched cable for charging 1
- Conversion adapter for charging 2
- Controlling software 1
- Controlling tablet 1

**Optional features**

**1. Central I (central monitoring system)**

Connect as many Mobile Fetal Monitors as you want and monitor them all real-time on a web browser. Wide range central monitoring can be established using hospital network or internet/VPN.



**2. Real-time cloud (Real-time monitoring system)**

It is suitable for a real-time monitoring of a single Mobile Fetal Monitor. Data will be sent sequentially while the measurement is being done.

**■ Specification**

Product Name :	Fetal Monitor Petit CTG
Model Name :	MI1001A
Medical Device Approval Number :	230AFBZX00024000
Nonproprietary Name :	Fetal Monitor JMDN 37796000
Group :	Machinery and Equipment 21, device for visceral organ function examination
Classification Class :	Controlled Medical Device Class II, Specially designated maintenance control required medical devices

<b>Device Classification</b>	
Classification by Forms of protection against electric shock	Internally Powered Equipment
Classification by the degree of protection against electric shock on applied part	Type BF Applied Part
Classification by the degree of protection against invasion of water	IPX2
Weight:	Ultrasound Transducer / 166 gram Uterus Contraction Transducer / 137 gram
Size:	96mm x 93mm x 29.5mm (L x W x H, ±1mm)
Electrical Rating	Ultrasound Transducer/Uterine Contraction Transducer
Power-Supply Voltage (Internal Power)	DC3.7V
Battery Type	Lithium Ion Battery
Electrical Rating	Charging AC Adapter
Input Voltage	AC100-240V
Input Rating	0.29A-0.16A
Frequency	50/60Hz
Output Voltage	DC5V
Output Rating	2A

**[ Manufacturer ]**

**Melody International Ltd.**

Registered Medical Device Manufacturer / Class 2 medical devices marketing license / Licensed Medical Device Retail/Rental Service

304 NEXT Kagawa, 2217-44 Hayashi, Takamatsu, Kagawa 761-0301, JAPAN

Tel: 087-813-7362 Fax: 087-813-7361

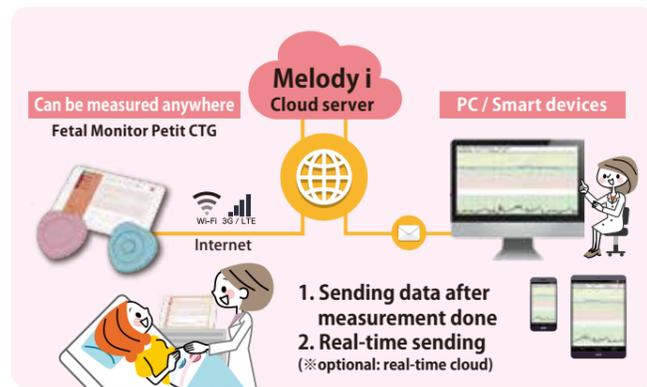
Email: support@melody.international

[ Manufacturer ] Melody International Ltd.

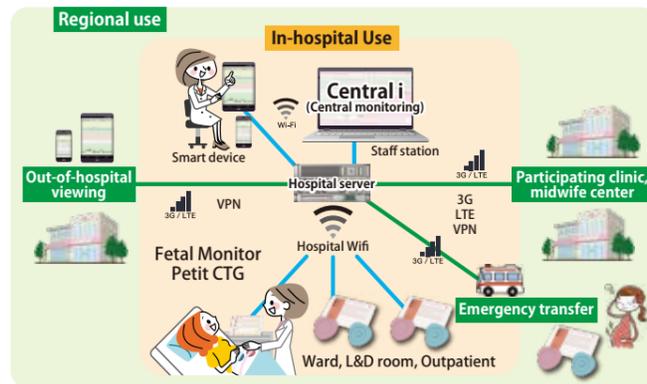
Phytronix Ltd. Takamatsu Factory



**Single Usage example of Fetal Monitor Petit CTG**



**Central i (in-hospital / regional) usage example**



<b>Communication Method / Operating Hour</b>	
Communication Method	Bluetooth 4.1 LE Bluetooth
Recommended Distance	about 5m
Operating Hour	about 6 hours
Charging Time	about 1 hour
<b>Operating Environment</b>	
Temperature	15~35°C
Relative Humidity	20~80% (no dewing)
Atmospheric Pressure	700~1060hPA
<b>Storing Method</b>	
Temperature	-10~45°C
Relative Humidity	10~90%
Atmospheric Pressure	700~1060hPA

**■ Caution**

- Please charge transducers and tablet every day.
- Please check the Bluetooth connection before measurement
- Please maintain the distance between transducers and tablet within 10m.
- ※ Tablet is not included in Fetal Monitor Petit CTG.
- Please install included controlling software into specified tablet to use.
- ※ Tablets can be chosen from a list of designated devices.
- [Tablet System Requirement] ※for designated devices
- OS: Windows 10, iOS, Android OS (planned)
- Memory: more than 2GB
- Has Bluetooth chip from Broadcom Inc.
- Certified as IEC60950-1 or IEC60601-1

*We are seeking distributor as a partner.*

Made in Japan

**Anytime, Anywhere**  
Small and Smart Mobile Fetal Monitor

**Fetal Monitor**  
**iCTG**



# The Future of Perinatal e-Health

## Anytime, Anywhere

It's a small and smart Mobile Fetal Monitor that comprises of two transducers. You can monitor health condition of an expectant mother and her fetus at any time, from anywhere. 6 "S" will help ease busy medical scenes.

### Simple

**Easy to find a fetal heart rate**  
Heart shaped fetal heart monitor will emit heart beat sound, enabling users to locate fetal heart location naturally.

### Secure

**Measured data is stored in a data server**  
Data will be securely saved in a data server (either in-hospital or cloud), providing safe place for medical data. Our cloud server will guarantee 10 years of data storage. You don't have to think about managing data recording sheets anymore. In case you need to print out, use data viewing PC to print out desired section of a graph and attach it to medical record.

### Smart

**Achieves paperless work with tablet display**  
A tablet device will be used for controlling measurement and displaying CTG graph. iPad, Windows 10 device, and Android device can be used depending on a hospital system. Tablet screen can be scrolled to see a full view of a graph, assisting doctor's quick decision making.

### Smooth

**Sends Data to your smartphone**  
After measurement is done, results can be sent to devices like doctor's smartphone and tablet, as well as to PC in the doctor's office or staff room through internet / Wi-Fi. Data can be checked by opening internet browser. Doctors can utilize their available time effectively. Real-time monitoring is possible with Central i (central monitoring, optional) and real-time cloud (optional).



Fetal Heart Rate Ultrasound Transducer

Uterine Contraction Toco transducer

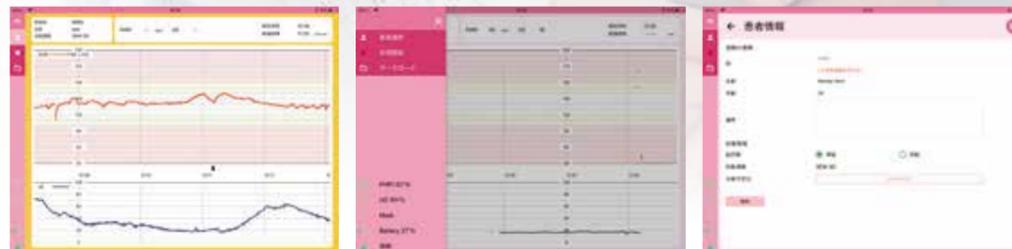
### Small

**Small, lightweight, wireless = reduces stress of an expectant mother**  
Transducers only have a weight of an average smartphone. It is completely cable-free, so expectant mothers can walk freely when the device is connected to the Wi-Fi network. (please carry with you a display tablet)

### Safe

**Up to 6 hour use with one full charging**  
1 hour battery charging will allow up to 6 hours of continuous measuring. You can use it for long time without a hassle to charge. (check the battery level before use)

Actual Screenshot



Doctors can use any devices to view results.

► High quality and multifunction, packed in a small body; it can be used in various medical situations.

► It enables straight forward usability and versatility like never before.



### Remote monitoring

High risk expectant mother's condition can be monitored remotely. Screening in advance can be done, reducing high risk emergency delivery.



### Using a waiting time efficiently

Because Fetal Monitor Petit CTG is battery operated and cable-free, it can be used during an outpatient waiting time, reducing total time of checkup and results in reduction of maternal stress.



### Real-time transmission during emergency transfer

By loading Fetal Monitor Petit CTG on an ambulance, a real-time transmission of measured data becomes possible, enabling accepting hospital to better prepare before arrival. (real-time cloud is optional)



### Same attachment style as conventional devices

There is no difference in how to put it on than the conventional CTG device. Place FHR on a proper location for an optimal fetal heart sound, and TOCO on a location where stable pressure is applicable.



### Fits on expectant mother's body perfectly

Because it is completely cable-free, there is no problem in moving around after the transducers are placed on an expectant mother's abdomen.



### Control from tablet after putting it on

Once 2 transducers are connected to a tablet via Bluetooth, you can control everything from a tablet with a good usability.