Fetal Monitor Petit CTG standard equipment
- Ultrasonic Transducer 1
- Uterine Contraction Transducer 1

Accessories
- AC adapter for charging 1
- Branch connector for charging 1
- Conversion adapter for charging 2
- Controlling software 1
- Controlling tablet 1

Optional features
1. Central (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

<table>
<thead>
<tr>
<th>Product Name</th>
<th>Fetal Monitor Petit CTG</th>
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<tbody>
<tr>
<td>Model Name</td>
<td>M1001A</td>
</tr>
<tr>
<td>Medical Device Approval Number</td>
<td>230AF8Z00024000</td>
</tr>
<tr>
<td>Nonproprietary Name</td>
<td>Fetal Monitor JMDN 3779600</td>
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<tr>
<td>Group</td>
<td>Machinery and Equipment 21, device for visceral organ function examination</td>
</tr>
<tr>
<td>Classification Class</td>
<td>Controlled Medical Device Class II, Specially designated maintenance control required medical devices</td>
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Device classification
- 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: 96mm x 93mm x 29.5mm (L x W x H), 2.1mm

Electrical Rating
- Ultrasonic Transducer: DC3.7V
- Uterine Contraction Transducer: 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

Communication Method / Operating Hour
- Communication Method: Bluetooth 4.1 LE
- Operating Hour:
  - Recommended Distance: about 5m
  - Operating Time: about 6 hours
  - Charging Time: about 1 hour

Operating Environments
- Temperature: 15~35℃
- Relative Humidity: 20~80% (no dewing)
- Atmospheric Pressure: 700~1060hPA

Storing Method
- Temperature: 0~45℃
- 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.

Melody International Ltd.
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We are seeking distributor as a partner.

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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.

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.

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)

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

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
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 leading 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)

It enables straightforward usability and versatility like never before.

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 were 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.

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.

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).

Doctors can use any devices to view results.

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.