

## How to start the device

Check the precaution and caution before using the device.

### I Operating procedure I

- Connect power cable to the device and press the power button.
- Change the settings based on your requirement.
- Put some ultrasound gel on US probe, find heartbeat of fetus and fix it around the abdomen of pregnant woman using a fixing belt.
- Fix TOCO probe on Fundus which is located 10 cm above the belly button of the maternal abdomen using a fixing belt.
- Give Patient Marker to the woman and let her press it when she feels the movement of fetus.
- Press “zero point adjusting button” and set up a base line of UA.
- Adjust speaker volume so that you can hear fetal heart beat clearly.
- Start recording on paper by pressing “Print” button when accurate heart rate shows up on the screen.

## How to download the eIFU (Electronic Instructions for Use)

- 1) Visit this link: <https://www.ebionet.com/operation-manuals/>
- 2) After entering the provided password, you can download the eIFU.
- 3) The electronic manual is provided as a PDF file. If you have difficulty accessing the above site, please contact the salesperson in charge or the customer support team at our headquarters.

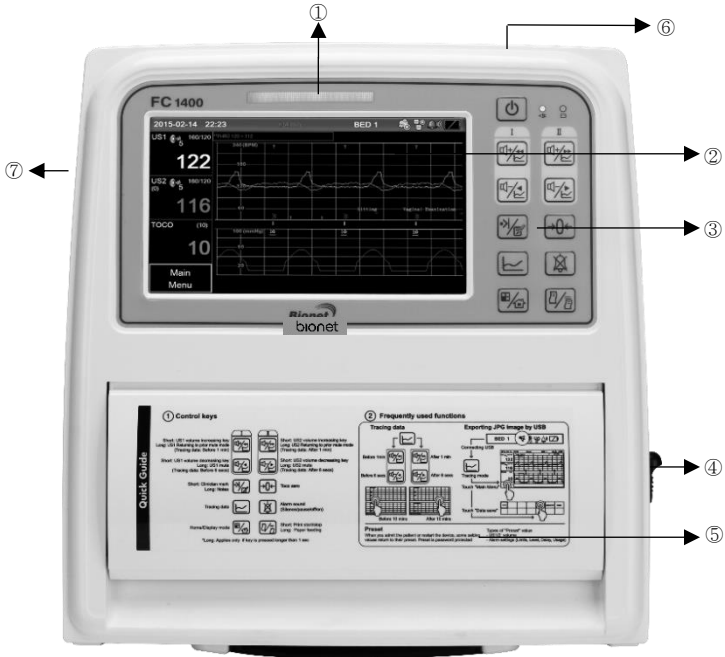
### I System Requirement I

PW: C9Mbh5

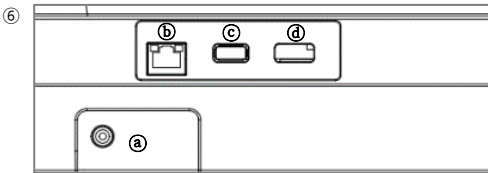
	Minimum Requirement	Recommended Requirement
OS	Windows 2000	Windows XP (32bit) or Windows 7, 8 (32/64bit)
CPU	Core2Duo 1.86GHz	Core2Duo 3.0 GHz or more
RAM	2GB	3GB or more
Monitor	19 inches	24 inches or more
Graphic Card	VGA RAM 256 MB, 1600 x 900	VGA RAM 512MB or more, 1920 x 1080
CD-ROM drive	24X	48X or more
LAN	10 Mbps	100 Mbps or more

## PRODUCT CONFIGURATION

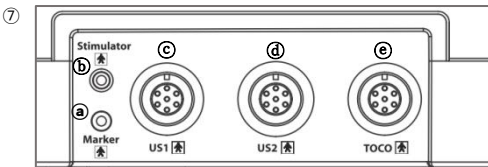
Basic composition and accessories	Optional items
① FC1400 main body (1 EA)    ② US probes (2 EA) ③ TOCO probe (1 EA)        ④ marker (1 EA) ⑤ Recording sheet (2 EA)    ⑥ Power cord (1 EA) ⑦ Adaptor (1 EA)            ⑧ Ultrasonic gel (1 EA) ⑨ Fixing belt (3 EA)         ⑩ FC1400 Stand (1 EA)	① Battery (1 EA)



- ① Alarm LED
- ② Graphic display window
- ③ Control panel
- ④ Printer door release button
- ⑤ Printer door



- ⑥ Power adaptor connector
- ⑦ LAN Port
- ⑧ USB1 Port
- ⑨ USB2 Port



- ⑩ Marker jack connection terminal
- ⑪ Stimulator jack connection terminal
- ⑫ US probe connection terminal1
- ⑬ US probe connection terminal2
- ⑭ TOCO probe connection terminal

**MESSAGE LIST****I Patient Alarm I**

Short Msg	Figure Msg	From
FHR* MEDIUM	FHR* xxx < yyy	FHR*
FHR* LOW	FHR* xxx>yyy	FHR*

**I INOP Alarm I**

Short Msg	Figure Msg
No Paper	Main
Low Battery	Main


**SPECIFICATION****I General specification I**

Dimension	296 (w) x 305.5 (H) x 97.5 (D) (Approx. 2.9Kg)
Display	7" Wide (800 X 480)
Recorder	Method : Thermal Array Print, Type: Roll type
	Print speed : 1,2,3cm/min, ( Real time) 3 cm/min (Trace, 2,3 cm/min setting) 2 cm/min (Trace, 1 cm/min setting)
	Paper feeding function

**I Performance specification I**

Fetal Heart Rate	Input Signal: Ultrasound pulsed doppler
	FHR detection method: Autocorrelation, FHR range: 50~210
	FHR accuracy: 120~160 : $\pm 1$ bpm / Except 120~160: $\pm 2$ bpm
Ultrasound Transducer	Operating mode: PWD Mode, Transducer Type: 7-crystal
	Ultrasound frequency: 1.0MHz, Pulse Repetition Frequency: 3150Hz
	Spatial-Peak Temporal Average Intensity: <10mW/cm <sup>2</sup>
Uterine Contraction	Input Source: External Transducer
	Reference Control: One touch switch
	Auto zeroing, Measurement range: 0~99
Auto CTG Analysis	Average Baseline FHR, Number of TOCO, Number of Acceleration
	Number of Deceleration: Late, Early, Variable
	High/Low Episode, Short term Variability, Signal Loss
	* CTG Analysis results is printed out every 10 minutes
Data Storage	Storage for 72 Hours

## I Power Specification I

Power	DC Input: 18V  , 2.8A / Adaptor "USE THE ONLY Bridge Power Corp BPM050S18F02"
Battery(Optional)	Li-ion: 4 hours (charging), 2 hours (discharging)
External Link	LAN, Wi-fi, USB,SD

## I Default Alarm Setting I

Alarm Parameter	US1 / US2	ON / ON	
Alarm Limit	US1/US2	160	120
Alarm Level	US1 / US2	Medium / Medium	

<b>Warranty Period</b>	<b>1 year from date of purchase</b>
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### eIFU provided in pdf file format

The guidelines for eIFU are part of Bionet's ESG(eco-friendly) management practices to reduce paper consumption and streamline user manual accessibility and storage methods. Therefore, the eIFU is provided in PDF file format rather than paper format.

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