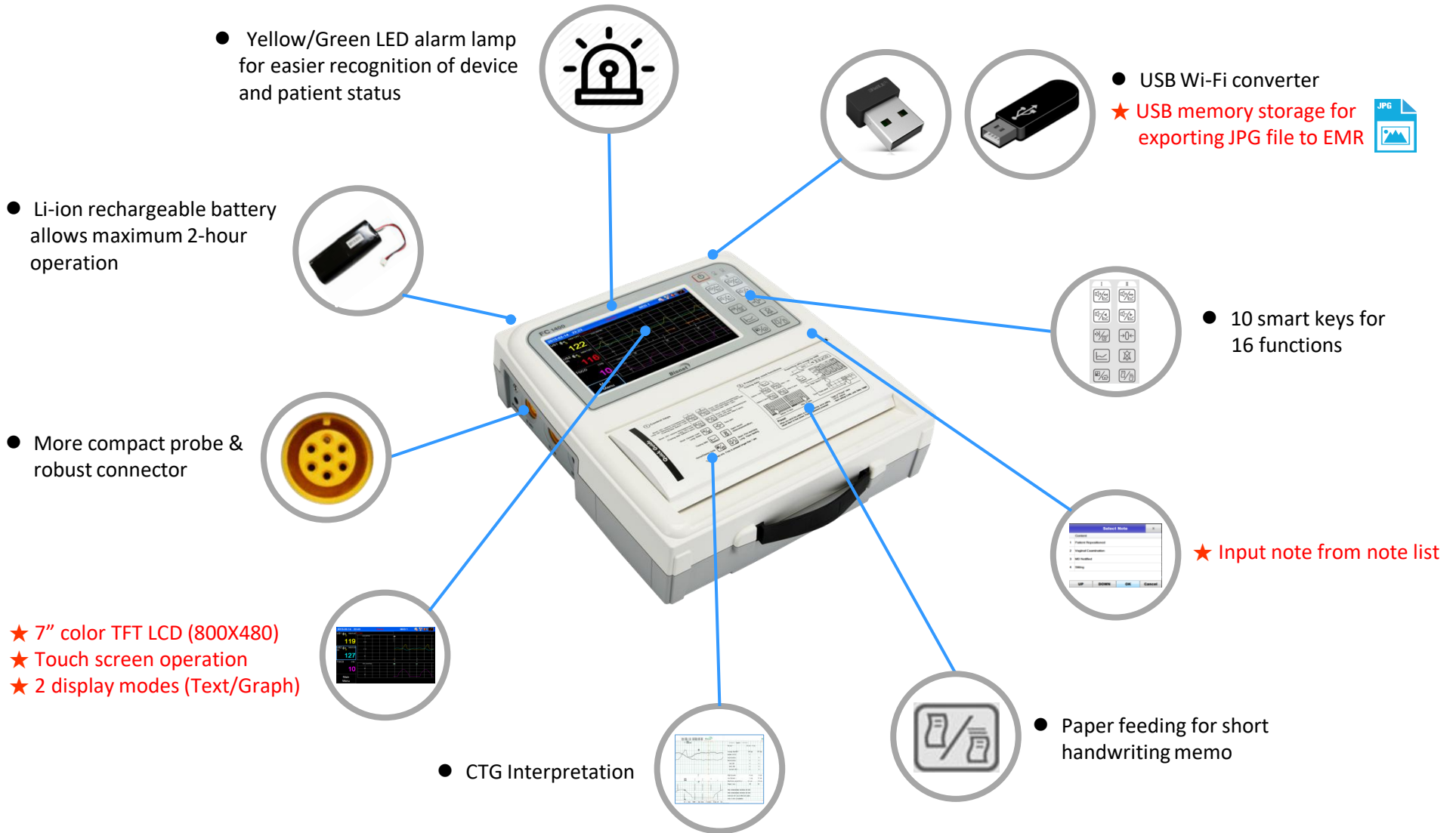




# 1\_ Summary of Advantages

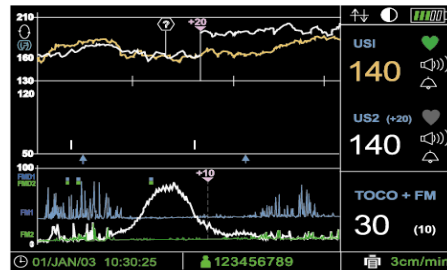


# 2\_Product advantages

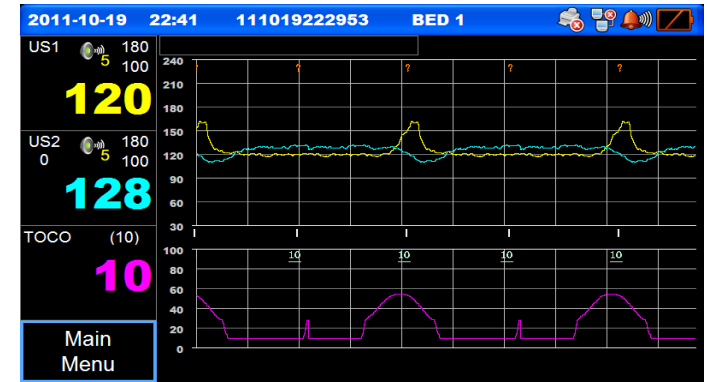
❖ 7" Color TFT LCD (800X480) & Touch Screen Operation



| 7 Segment LED |

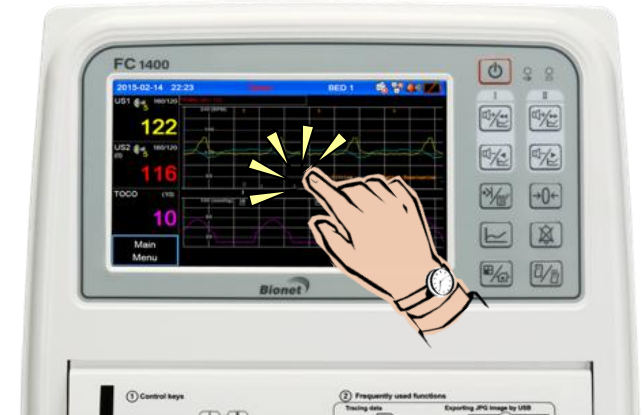


| Small Color LCD |



| Large & wide Color LCD with Touch Screen |

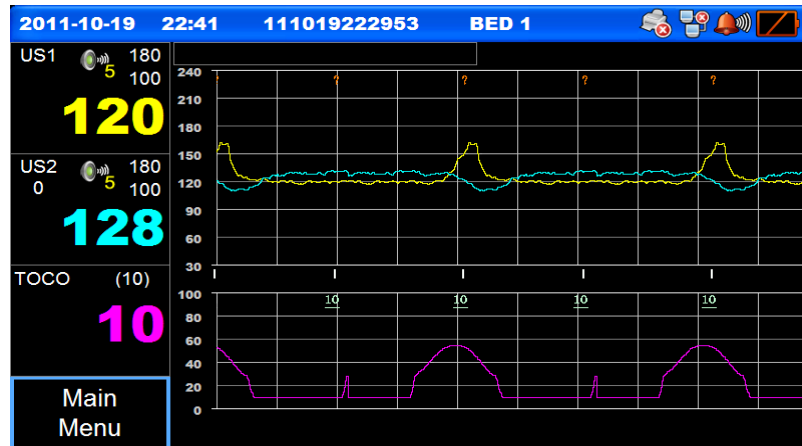
Market Trend



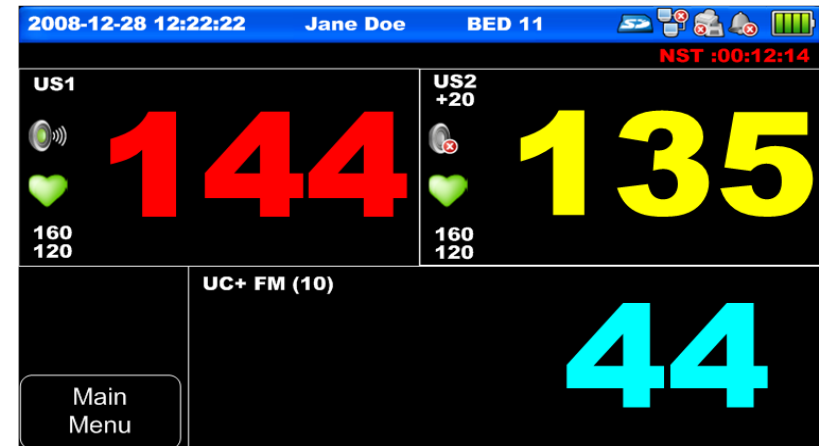
# 2\_Product advantages

## ❖ 2 Display Modes

- Graphic Mode: For general monitoring of fetal status
- Text Mode: For user's quicker & easier recognition of fetal status from long distance



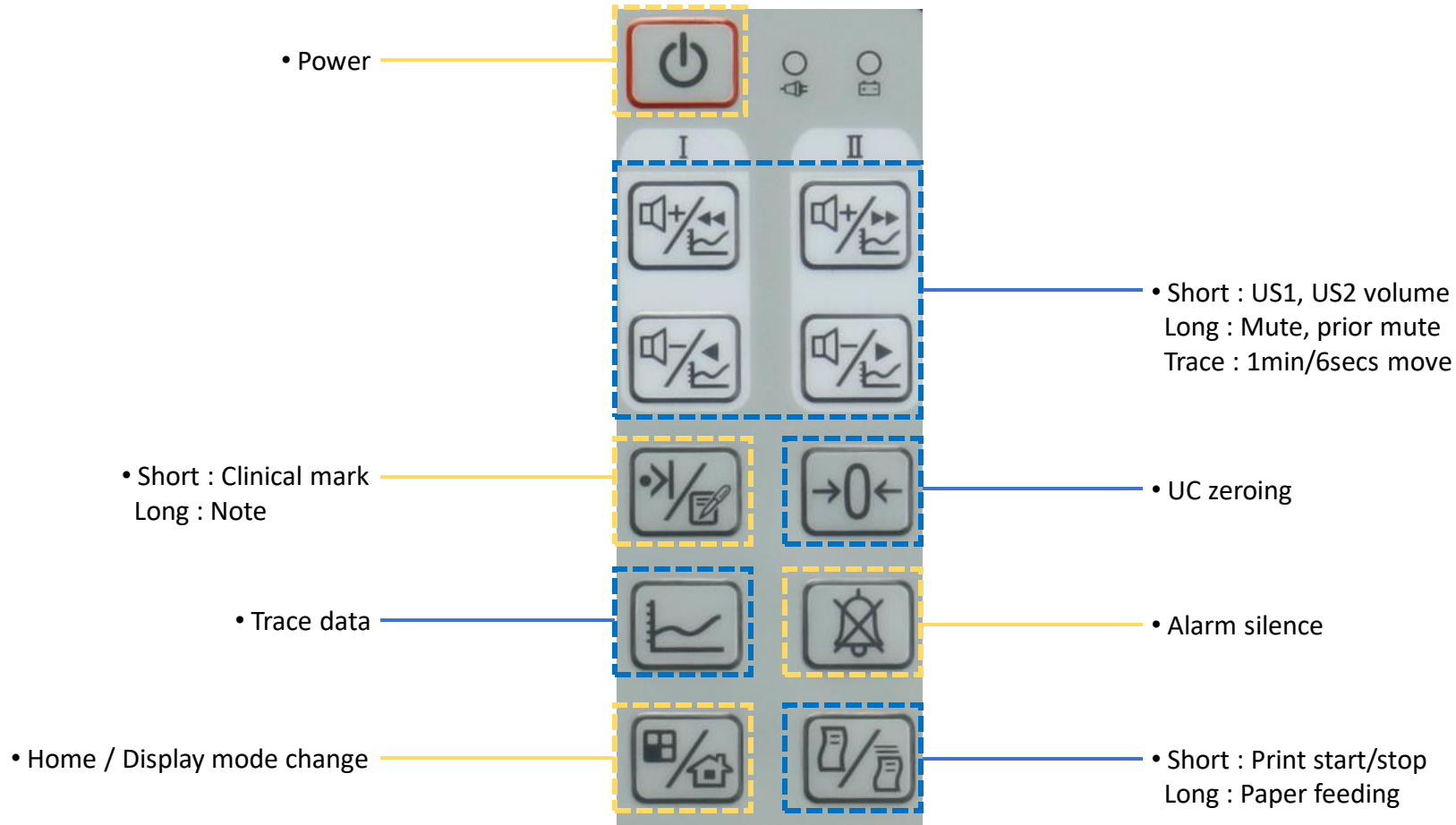
| Graphic Mode |



| Text Mode |

# 2\_Product advantages

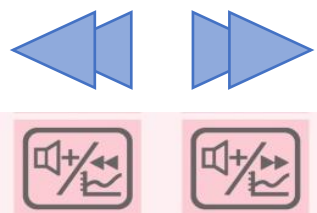
## ❖ 10 Smart Keys for 16 Functions



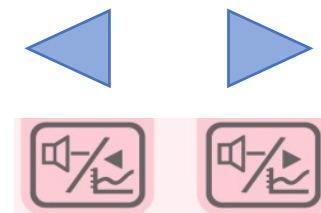
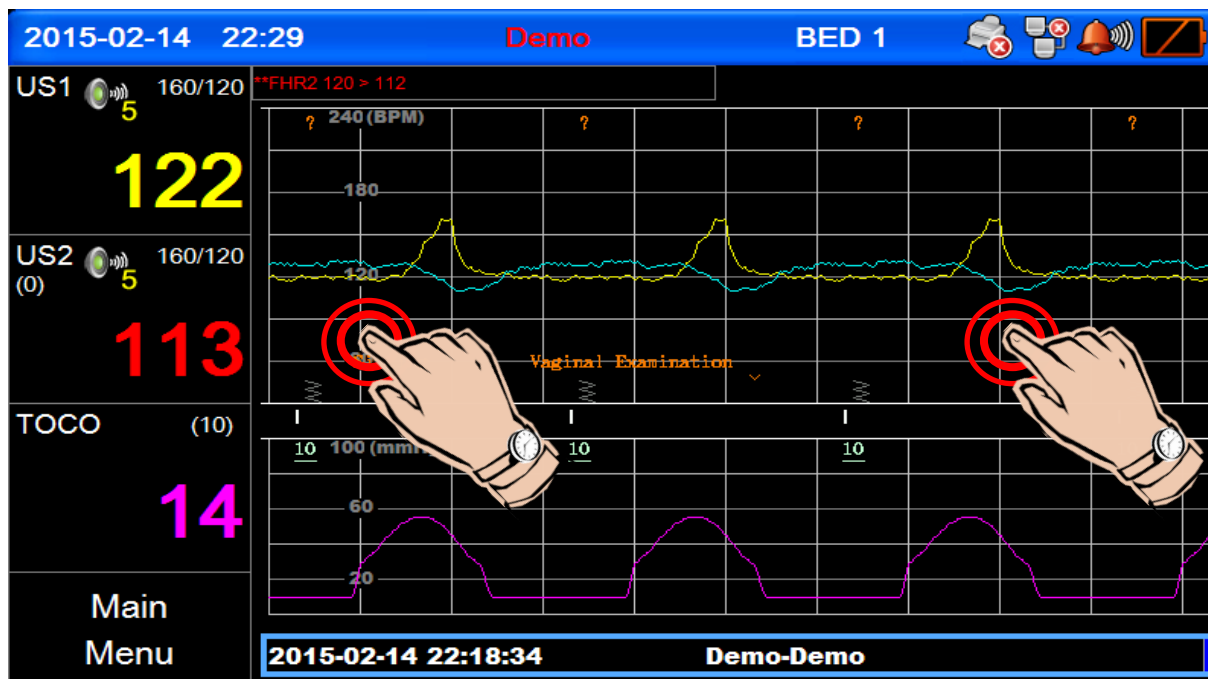
# 2\_Product advantages

## ❖ How to Review the Trace Data

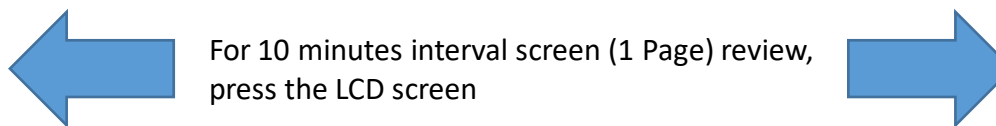
Maximum tracing time : 72 hours trace data



For **1 minute** interval screen review, press the volume up keys (I or II)



For **6 seconds** interval screen review, press the volume down keys (I or II)

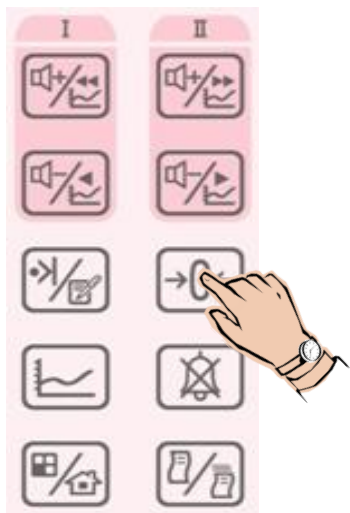


For 10 minutes interval screen (1 Page) review, press the LCD screen

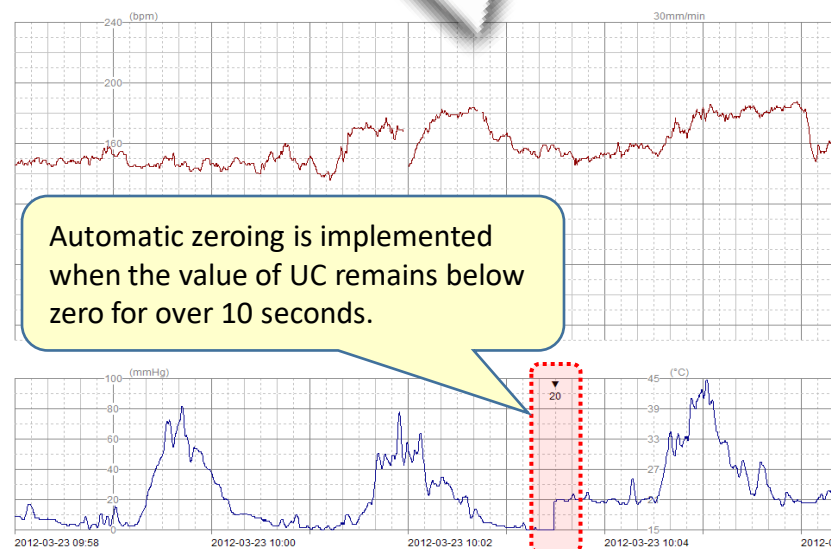
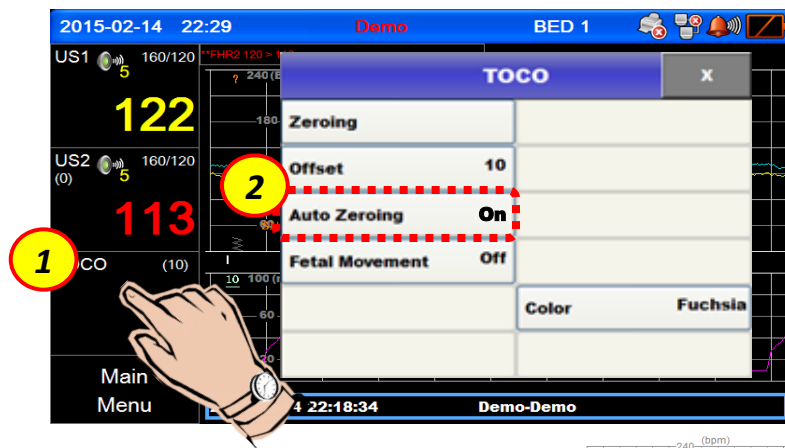
# 2\_Product advantages

## ❖ How to do Zeroing

### 1. For manual zeroing



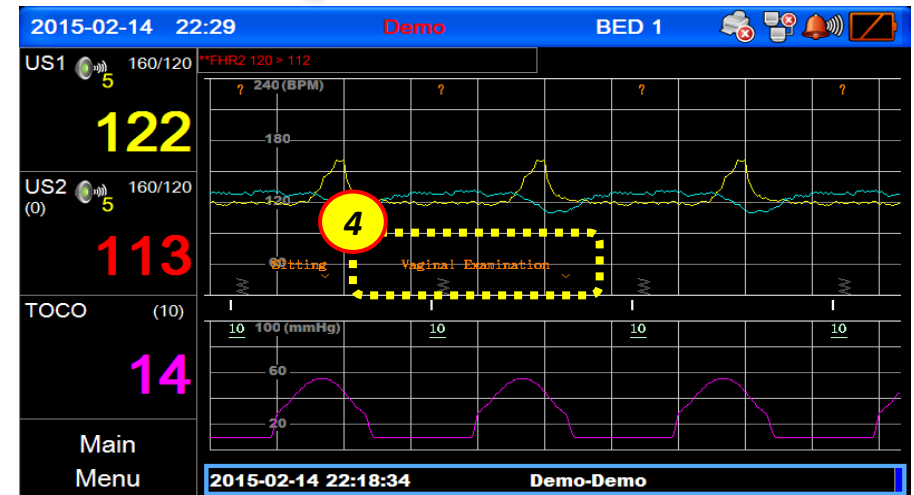
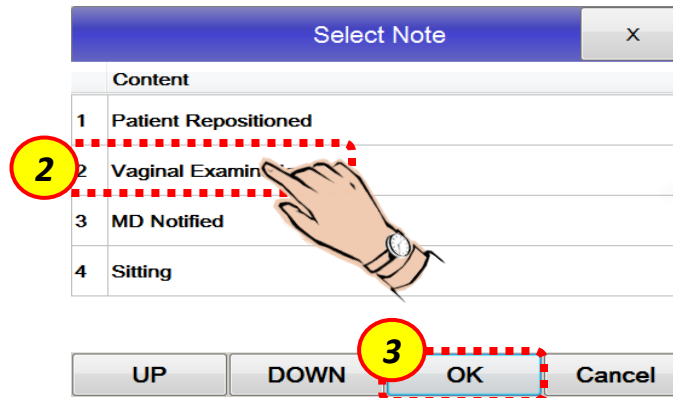
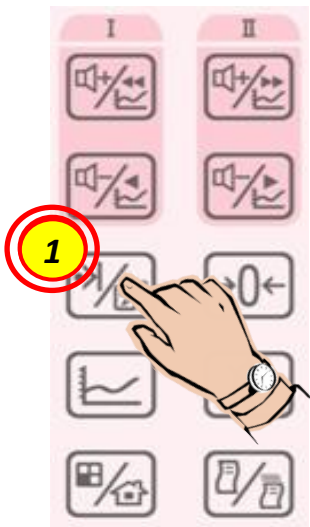
### 2. For automatic zeroing



# 2\_Product advantages

## ❖ Input Note from Note List

The note is shown in the status line of the display, and is annotated on the fetal trace. There are 4 default notes, and maximum 100 notes could be documented by users.

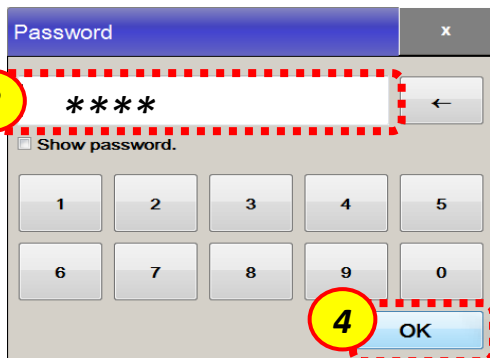




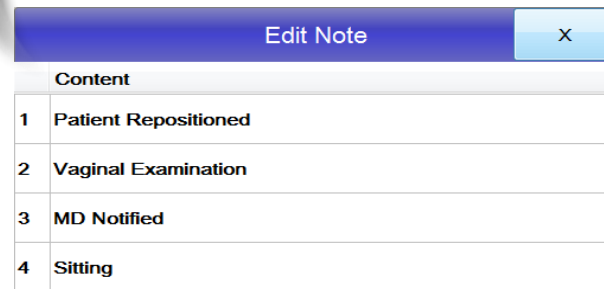
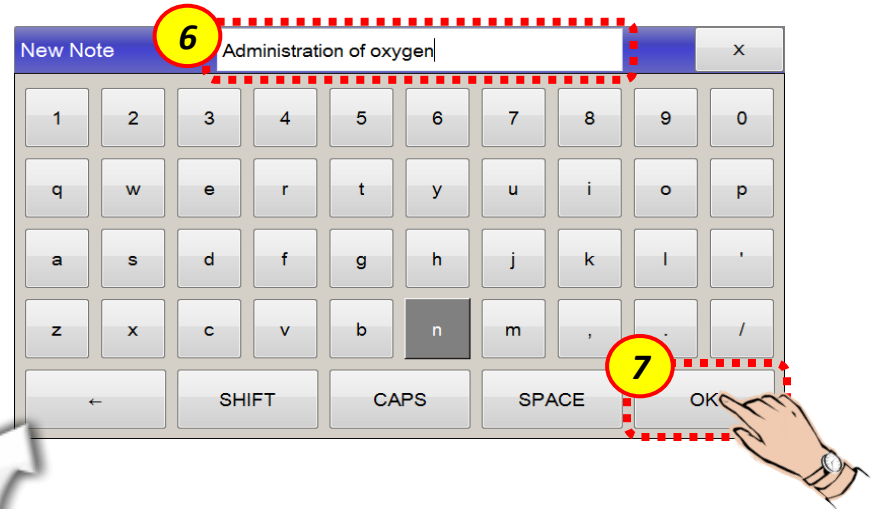
# 2\_Product advantages

## ❖ How to Add or Edit the Note

Note password should be protected, but can be changed by authorized persons only.



Default password : 1234



# 2\_Product advantages

## ❖ NST(Non-Stress Test) Function

The image illustrates the steps to configure the NST function on a medical device. It includes a main monitor display, a menu navigation sequence, a flowchart of the NST process, and a detailed view of the NST Time configuration screen.

**Step 1:** Press the **Main Menu** button on the monitor.

**Step 2:** Press the **Printer** button in the menu.

**Step 3:** Press the **NST** button in the menu.

**Step 4:** Press the **50Min** button in the **NST Time** configuration screen.

**Step 5:** Press the **NST** button on the touch screen.

**Step 6:** The monitor displays the NST function status, including **NST(26Min Left)** and **NST(50Min)**.

**NST Process Flowchart:**

- NST(50Min)
- NST(26Min Left)
- NST(50Min)

**NST Time Configuration Screen:**

NST Time			
Off	10Min	20Min	30Min
40Min	50Min	60Min	90Min

# 2\_Product advantages

## ❖ Alarm preset

- When you have new patient or restart the device, preset value will be applied.  
But if the device is restarted within 30 seconds, this preset function does not work.
- Preset value : US1/2 volume, Alarm settings (limits, level, delay, usage)
- Preset password should be protected, but can be changed by authorized persons only.

EXIT	Patient	Trace	Alarm History	Print Start	Wave Print	Clinical mark
	Display	Network	Preset	Printer	System	Note

Default password : 1234

Password x

2 \*\*\*\*

Show password.

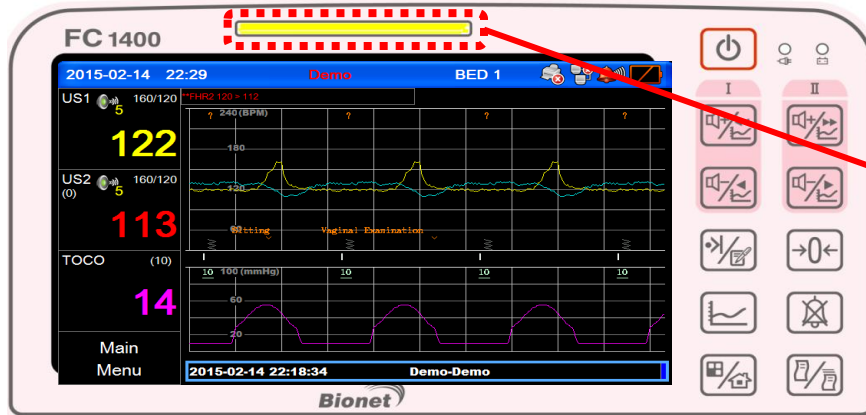
1	2	3	4	5
6	7	8	9	0

3 OK

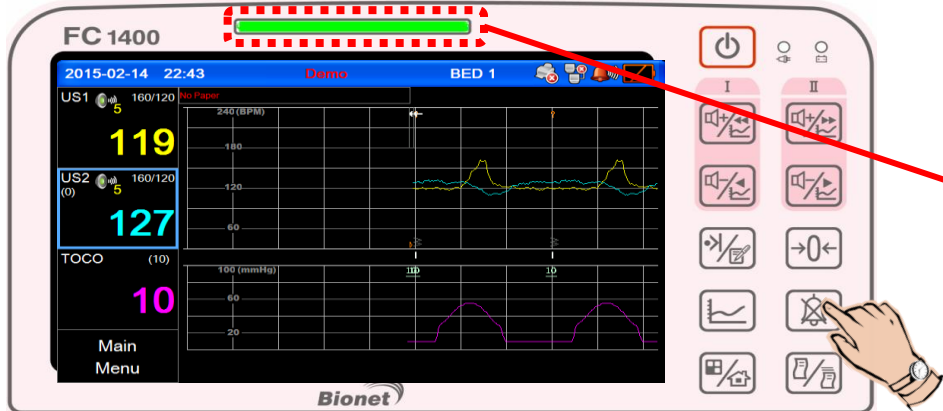
5 EXIT	4 Alarm Volume : 3	Alarm On/Off	Alarm Limit	Alarm Level	INOP	Default Setting
Up	Alarm Delay : 20Sec	US1 Volume : 5	US2 Volume : 5			

# 2\_Product advantages

❖ Yellow/Green LED alarm lamp: easier recognition of device and patient status



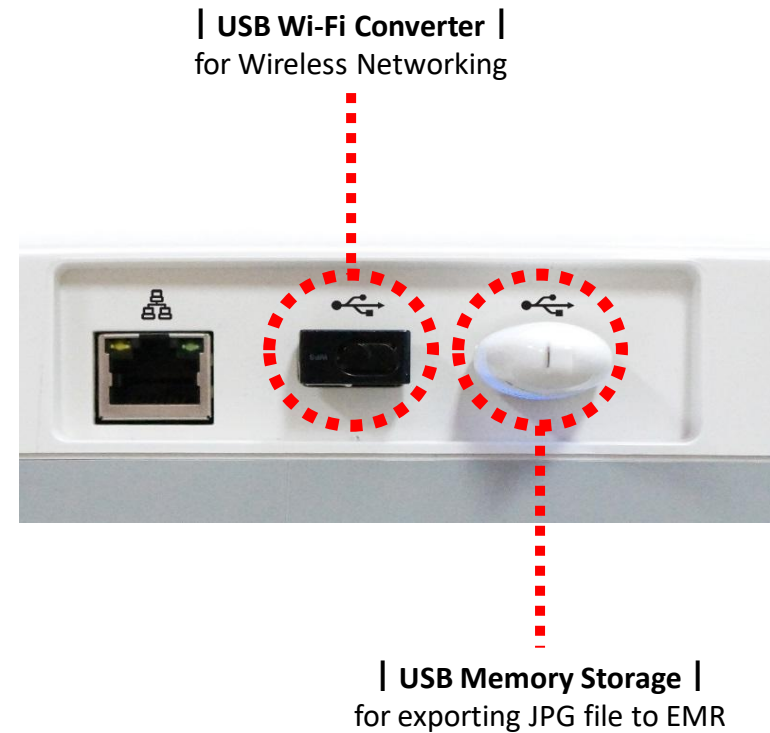
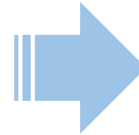
- **Physical Alarm (Clinical alarm) in Yellow**
  - Medium alarm (0.5Hz, 50%duty)
  - Low alarm
  - FHR is out of normal range



- **INOP Alarm (Technical alarm) in Green**
  - No Paper, NST End, Battery Low
  - The message appeared during alarm condition will disappear when the alarm condition is cleared or when user recognize the reason for alarm and press the alarm button.

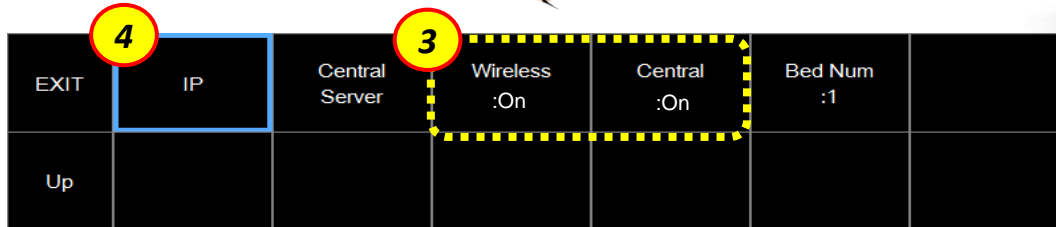
## 2\_Product advantages

❖ 2 USB Ports : USB Wi-fi Converter & USB Memory Storage



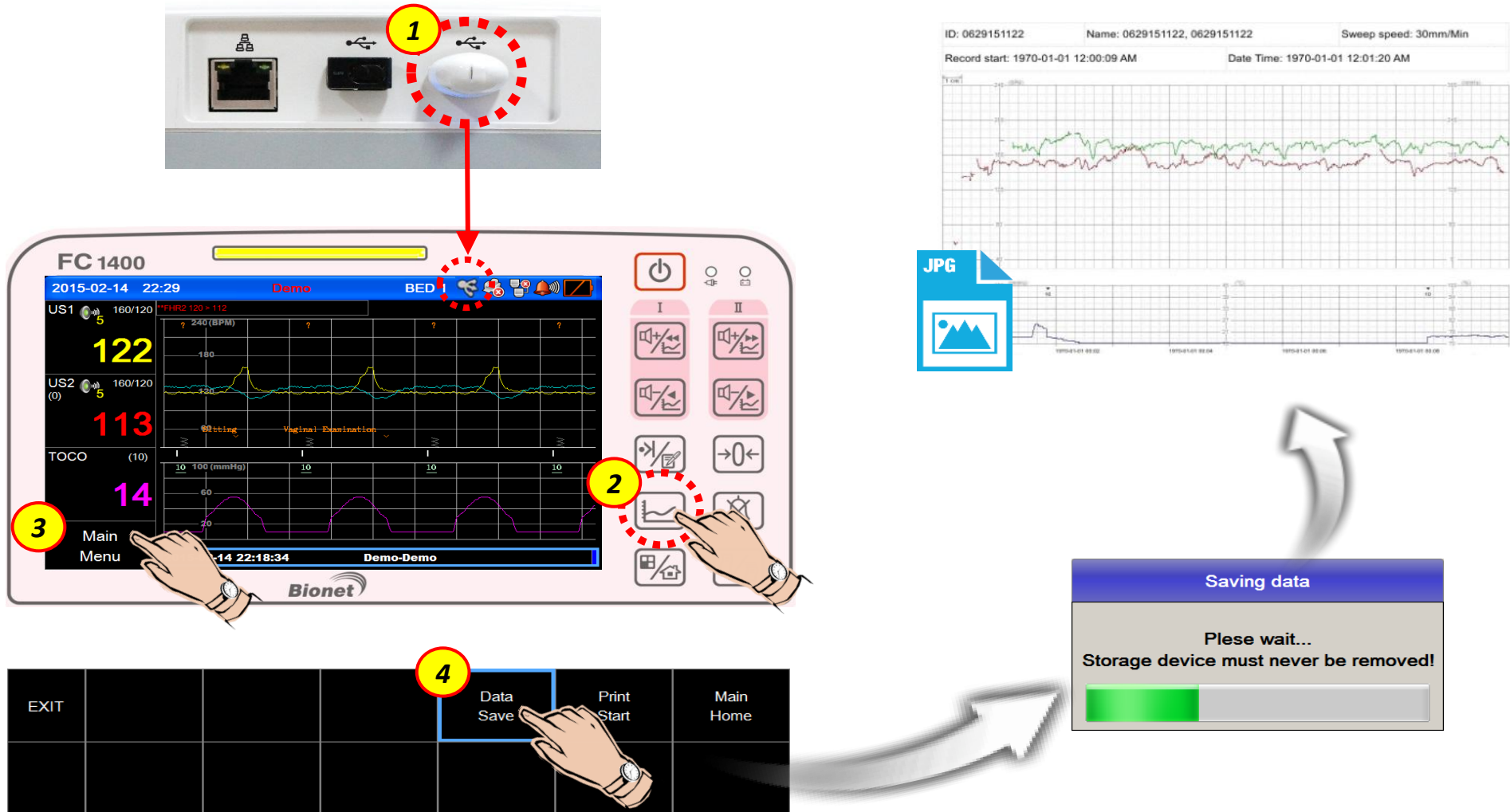
# 2\_Product advantages

## ❖ How to Set Wireless Networking with USB Wi-Fi Converter



# 2\_Product advantages

❖ How to export JPG file to EMR using USB memory storage



# 2\_ Product advantages

## ❖ CTG Interpretation Report

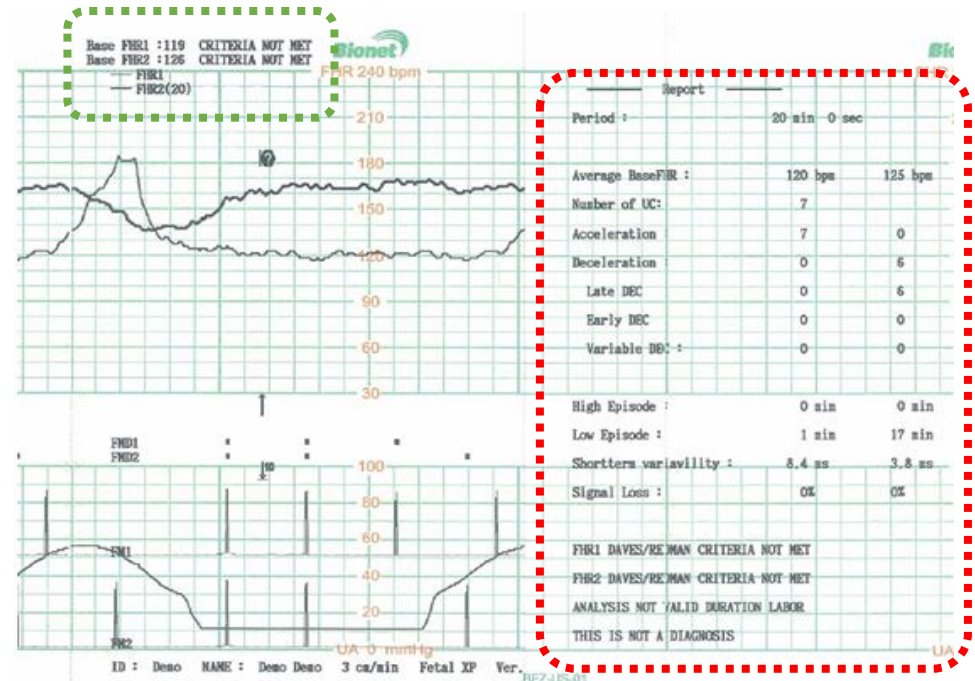
For more comfortable and easier readings of findings by users.  
 - Up to 2 hours and 30 minutes data.

EXIT	Patient	Trace	Alarm History	Print Start	Wave Print	Clinical mark
	Display	Network	Preset	Printer	System	Note

1

2

EXIT	NST Speed :3 cm/min	Wave Speed :N/A	NST :50Min	CTG :On	Scale :Internat'l	Grid :Off
Up	Size :B5					





# 2\_Product advantages

## ❖ 15 Kinds of Local Language Available


EXIT	Patient	Trace	Alarm History	Print Start	Wave Print	Clinical mark
	Display	Network	Preset	Printer	System	Note

1



EXIT	Date	Time	Lang :English	Version	Touch Tone :3	Demo :Off
Up	Edit Note	Marker Sound:On	Factory			

2

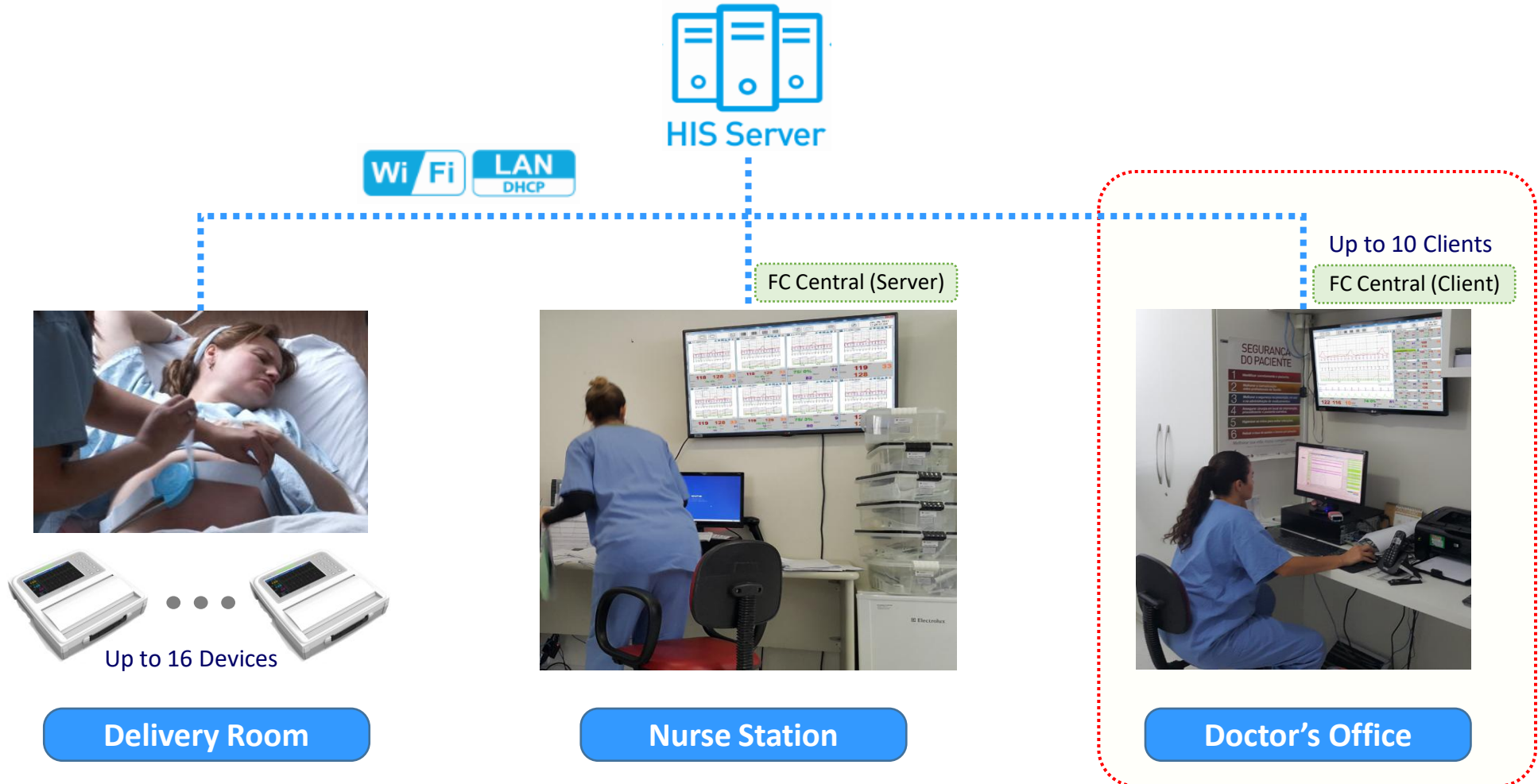


Language				×
English	German	French	Spanish	
Italian	Turkish	Polish	Rumanian	
Russian	Bulgarian	Czech	Hungary	
Portuguese	Korean	Chinese		

# 3\_ HIS Connectivity

## ❖ Multi Central Monitoring System

Newly extended FC central monitoring system which is also independently working.

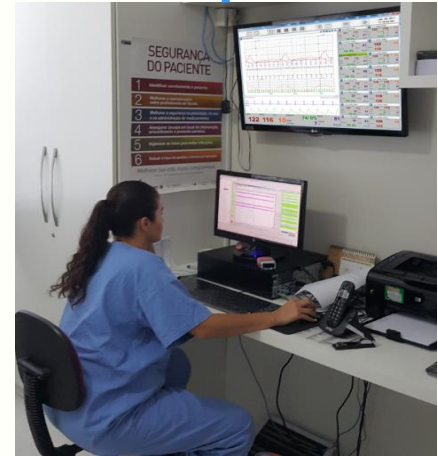


Up to 16 Devices

**Delivery Room**



**Nurse Station**







**Doctor's Office**

Up to 10 Clients  
FC Central (Client)

# 4.1\_ FC1400 Old vs FC1400 New

Specification	FC1400	NewFC1400	Remark
Display	4.7" STN (320X240)	7" TFT Wide (800X480)	
Touch Screen	X	O	
Tracing Time & Operation	12 hours Rotary key	72 hours <ul style="list-style-type: none"> <li>• Touch LCD screen [10 minutes]</li> <li>• Volume up (I/II) key [1 minute]</li> <li>• Volume down (I/II) key [6 seconds]</li> </ul>	
Battery	Ni-MH	Li-ion	
Alarm Lamp	X	Yellow (Physical Alarm) Green (INOP Alarm)	
Interface	RS232	USB, LAN, Stimulator	
Network Communication	RS232	Wired (LAN) & Wireless (USB Wi-fi)	
Probe Connector Type	PS2 Type	Candal (FetalXP) Type	
Export JPG Image	X	O (USB Memory)	Bionet, Edan
Paper Feeding	X	O	
ID & Name	Number ID only	20 Characters ID, Name	
Note	X	O (100 Note list)	Bionet, Philips
US Sound Mute	X	O	Bionet Only
Alarm Preset	X	O	
Large Parameter Mode	X	O	
CTG Interpreter	O	O	Bionet, Bistos Oxford, Biolight
Short Term Variability	O	O	Bionet, Oxford

# 4.2\_ Bionet Comparison Chart

Model	FC700	FC1400	FetalXP Basic	FetalXP Maternal
Image				
Parameter	FHR, UC, FM	<b>Twin FHR, UC, FM</b>	Twin FHR, UC, FM	<b>Twin FHR, UC, FM MHR, %SpO2, PR, NIBP, Temp</b>
FHR Algorithm	Autocorrelation	Autocorrelation	Autocorrelation	Autocorrelation
US Central Frequency	1M	1M	1M	1M
Printer Type	Roll Type	Roll Type	<b>Z-Folder</b>	Z-Folder
Screen Size	7 Segment LED	<b>7" Color TFT (800X480)</b>	7" Color TFT (800X480)	7" Color TFT (800X480)
Touch Screen	X	<b>O</b>	O	O
Tilt	X	X	<b>O</b>	O
Communication	RS232	<b>LAN, Wi-Fi, USB</b>	LAN, Wi-Fi, USB	LAN, Wi-Fi, USB
Battery	X	<b>2 Hours</b>	8 Hours(Standby) 4 Hours(Printing)	4.5 Hours (Standby) 3.5 Hours (Printing)
CTG Interpreter	Short Version	<b>O</b>	O	O
Tracing Display	X	<b>O</b>	O	O
Tracing Time	X	<b>72 Hours</b>	72 Hours	72 Hours

# 5\_ Summary of Advantages

## ★ Superior Advantages

- ✓ 7" color TFT LCD(800X480) with full touch screen operation
- ✓ Graphic & Text display mode
- ✓ 10 smart keys for 16 functions

## ★ High-performance Measurements

- ✓ Twin fetal heart rate, Automatic fetal movement
- ✓ More compact probe & robust connector
- ✓ Note and Clinical mark
- ✓ CTG interpretation

## ★ Extendible and Advanced Functions

- ✓ Yellow/Green LED alarm lamp for easier recognition
- ✓ Paper feeding for short handwriting memo
- ✓ 15 kinds of local languages support

## ★ Enhanced Data Management

- ✓ 72 hours trace data and USB memory storage for exporting JPG file to EMR
- ✓ LAN or WLAN by USB Wi-Fi converter

# 6\_Specification

## ❖ General Specification

Dimension	296(w)x305.5(H)x97.5(D)(Approx. 2.72Kg)
Display	7" TFT Wide LCD Screen(800 X 480)
Print Out	Method : Thermal array print Type : Roll type Print speed : 1,2,3cm/min(Real time) 30cm/min(Trace, 2,3cm/min) 20cm/min(Trace, 1cm/min) Paper feeding function

## ❖ Power Specification

Power	Input : 100~240VAC, 50~60Hz, 1.5A
Battery (Option)	Li-ion : Maximum 2 hours of operation after 4-hour full charging
External Link	LAN, Wi-Fi, USB memory

## ❖ Performance Specification

Fetal Heart Rate	Input Signal : Ultrasound pulsed doppler Ultrasound frequency : 1.0MHz Ultrasound power : <10mW/cm <sup>2</sup> FHR detection method : Autocorrelation FHR range : 50 ~ 210 BPM FHR accuracy : ±1 BPM
Uterine Contraction	Input Source : External Transducer with load cell Reference Control : One touch switch, Auto zeroing Measurement range : 0 ~ 99
Data Storage	Storage of 72 Hours

Available at:

**XAVIER MED PVT. LTD.**

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Dilsukhnagar, Hyderabad - 500060

[www.buyxavier.com](http://www.buyxavier.com)

**Customer Care: 8008895680,**

**Service: 8008895079**