



TOITU DOPPLER FETUS DETECTOR

Wired Type **FD-491**

Wired and Wireless Type **FD-492**



Toitu realizes your wish!

We deliver evolution to busy medical practices!

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A lighter device with higher visibility and greater convenience

TOITU DOPPLER FETUS DETECTOR

Wired Type
FD-491



Wired and Wireless Type
FD-492



Light! Easy to see! Easy to use!

As well as delivering safety and reassurance to pregnant women, we want to deliver greater convenience and more comfort to the professionals working in a medical practice.

This is the philosophy behind our new Doppler fetus detector.

Constant evolution in the pursuit of efficacy, convenience, and comfort is the proof in the unique techniques of Toitu.

Please see the value of *evolution* with your own eyes in the busy medical practice of perinatal care.

Here is comfort, this is evolution.

The light, compact design makes the unit easy to hold and carry.

The device is designed to be easy to hold and easy to carry since it is about 1 kg lighter than the conventional type (FD-390). The device reduces time and effort during busy work.

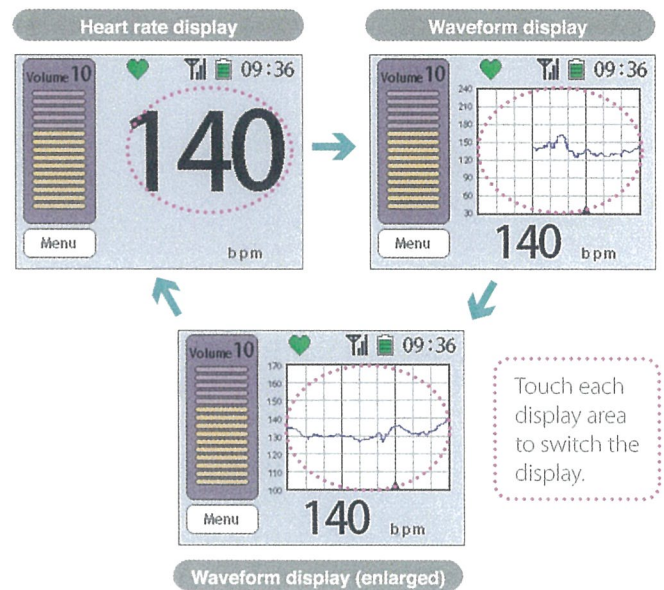


The unit has a convenient, easy-to-see liquid crystal screen touch panel.

The FD-491/492 has a liquid crystal screen touch panel (3.5 inch LCD) that significantly improves visibility by doubling the size of the display of the heart rate and other measures. You can check the changes in the heart rate using monitoring the waveform by switching the display, which provides greater convenience. You can also control the volume and configure the settings using the touch panel.

● Display switching

Simply touch each display area of the LCD screen to switch the heart rate display, waveform display, and waveform display (enlarged) in turn.



Easy-to-use and user-friendly waterproof probe.

The newly designed probe has an easy-to-use L-shape or upright easily slides to the abdomen and can be controlled even if the patient lies down on her side. The waterproof design enables washing with water for clean use. Two types of probes "Wired and Wireless" are available depending on the intended purpose.

*You can operate the power using the probe.



● Wired L-Shape type



● Wired upright type

A curl cord makes the unit easier to handle compared to our conventional device and helps ensure comfort during use.



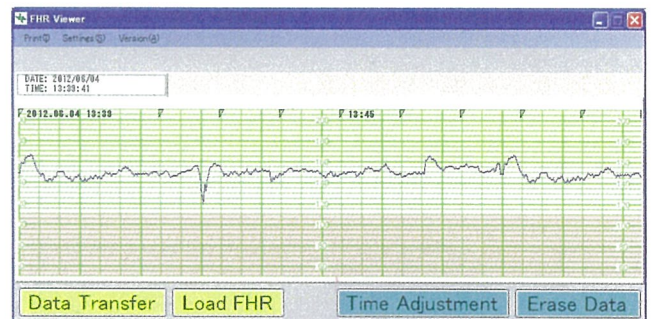
● Wireless type

Users and patients can use the device without caring about a cord.

● Data storage

The internal memory will hold 10 minutes x 160 items of data (measurement results for the heart rate).

Of course you can transfer the data to personal computer to display and print out.



*This device alone is not sufficient to display previously saved data on personal computers. Our exclusive software is needed.

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Specifications

Model	Wired Type FD-491		Wired and Wireless Type FD-492
Main unit			
Power source	AC 100-240V 50/60Hz		
Power consumption	30VA		
Continuous operation time	160min		
Charging time	70 min		
Dimensions	200(W)×195(H)×125(D)mm		
Weight	1.5kgs		
Display function	LCD screen: Operating conditions, settings, battery level, abnormal conditions		
Operating function	Settings, maintenace		
External output	External output terminal, earphone jack		
Standard probe			
Type	Wired Upright type	Wired L-Shape type	Wireless type
Power source	-		AA battery
Power consumption	-		0.57VA
Continuous operation time	-		250min (fully charged nickel metal-hydride battery)
Protection type	AC power	Class II device	
	Battery	Internally powered device	
Classification of attached area	Attached part type B		
Dimensions	ø35 × 122mm	46(W)×130(H)×50(D)mm	
Weight	88g (including cable)	150g (including cable)	111g (excluding AA battery)
Display function	-	LED indicator: Indicates operating conditions	LED indicator: Indicates operating conditions, battery level and abnormal conditions
Operating functions	-	-	Pairing setting
Frequency	-		2.4GHz band
Waterproof level	IPX7		
Measurement			
Ultrasound drive system	Continuous wave		
Oscillating frequency	2.5MHz +/- 10%		
Ultrasound output	10mW/cm ²		
FHR measurement range	50-240 bpm		
Accuracy of FHR measurement	+/- 3 bpm or less		

FD-491 Standard Accessories	
Probe	*Selectable Probe Wired L-Shape type Wired Upright type
Gel	Gel for Ultrasound
Cable	Power Supply Cable

FD-492 Standard Accessories	
Probe	*Selectable Probe Wireless type Wired L-Shape type Wired Upright type
Battery	AA battery
Gel	Gel for Ultrasound
Cable	Power Supply Cable

*For modifications, design and specifications are subject to change without notice.

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