

# Actocardiograph MT-830 series

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New

Comprehensive system that addresses changes in social environment

Efforts to achieve the SDGs



Responsible consumption and production

Climate action

GO paperless

Continuous monitoring of CTG waveforms in a scrollable wide screen

		MT-830 reference			
Functions		MT-831-L	MT-831-S	MT-832-L	MT-832-P
Fetal monitoring	External tocography	Heart rate: Doppler ultrasound (singleton/twin)			
		External UC			
	Twin (optional twin set)	△	△	△	△
Maternal monitoring	Triplet (optional triplet set)	—	—	△	△
	Noninvasive blood pressure (NIBP)	—	—	△	○
	Arterial oxygen saturation (SpO2)	—	—	△	△
	Pulse rate (By NIBP or SpO2)	—	—	○	○
	Heart rate (by ECG)	—	—	○	○
Wi-Fi connection		—	○	—	○
Print (dedicated printer with a USB port as option is required)		△	△	△	△

○: Standard functions    △: Available with an optional item

	MT-830 reference	
	MT-831-L / MT-831-S	MT-832-L / MT-832-P
Display function	10.1-inch TFT LCD panel, resolution: 1280 x 800 (WXGA)	
Battery performance	Operating time : 120 minutes	
Charging time (0% to 90%)	5 hours and 30 min.	6 hours and 30 min.
External dimensions	Body : 278 mm (W) x 264 mm (H) x 145 mm (D)	
Weight (except accessories)	2.2 kg	2.9 kg
Product name	Actocardiograph MT-830	
Certification Number	305AFBZX00029000	

### Standard Accessories

- Power supply cable
- Y-shaped Doppler / External UC transducer [TR-687-06]
- Remote marker switch (single) [SW-527-01]
- Transducer belt
- Ultrasound gel
- NIBP monitor set (MT-832-L/P only)
- Maternal ECG set (MT-832-L/P only)

### Optional Items

- Twin set / Triplets (three fetuses) set
- Option recorder unit MP-130
- SpO2 monitor set (disposable)
- SpO2 monitor set (reusable)



Option recorder unit MP-130

Actual dimensions of screen : approx 217mm (W) x 136mm (H)

\*The touch panel displays in this catalog are sample images.

\*The appearance and specifications are subject to change without notice.



# Portable to Take Anywhere More Freely

→ MT-830 series are easily portable

MT-830 series



## Compact in size

Compact design  
278×264×145mm  
(W×H×D)

## Lightweight

Easy to carry around  
with the weight  
from 2.2kg

## Long-lasting

Built-in battery provides  
120 minutes of operation  
Built-in memory stores  
72 hours of  
CTG waveforms

User-friendly hardware buttons for access to frequently used operations

### Mode selection

Switches the measuring mode  
(Monitoring/NST/  
Maternal monitoring)

### Alarm

Pauses alarm

### Home button

Returns to the measuring display  
when the screen displays any other display,  
such as the menu screen

### Power

Allows monitoring without  
printing on recording paper

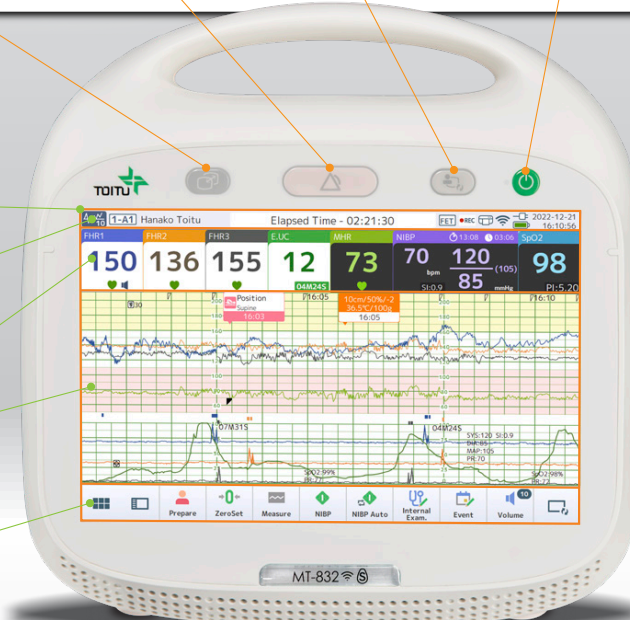
### Easy-to-read display design

10.1-inch wide screen

Displays information of the  
device and the pregnant woman

10 min/15 min/40 min/  
dimensions  
(equivalent to those in recording paper)  
/numerical values

Customizable



Disaster  
preparedness

Lightweight

2.2kg~

Easy to  
carry around



Long memory time

72  
hours

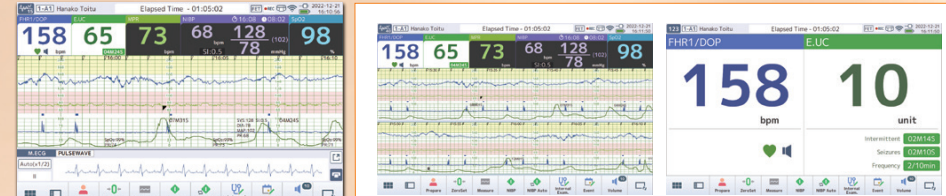
Long-lasting battery

2  
hours

## Multiple convenient functions

### Time display

Time display switches on demand



You can see the maternal ECG waveform along with the  
CTG waveform (only in the 15-min wavelength display)

Long-term (40 min) display/numerical displays are also available

### Maternal monitoring mode

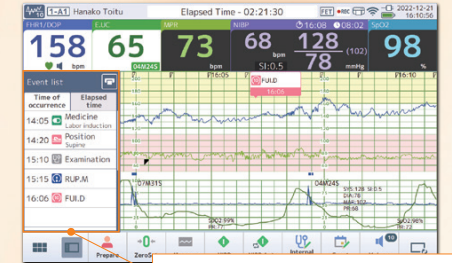
Specific mode for maternal monitoring convenient for maternal management

Measured time	Elapsed time	HR	PR	NIBP	SI	SpO2
2022/12/21 16:07		--	89	111/85 (109)	0.8	--
2022/12/21 16:05		B4	85	--/--/-- (-)	--	98
2022/12/21 16:02		--	89	115/86 (102)	0.8	--
2022/12/21 16:00		86	85	--/--/-- (-)	--	100
2022/12/21 15:57		--	89	118/80 (101)	0.8	--

SI (Shock index) value is displayed

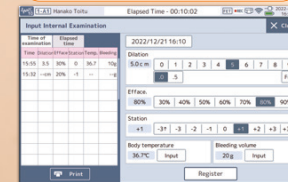
### Side window

Information access without hiding waveforms

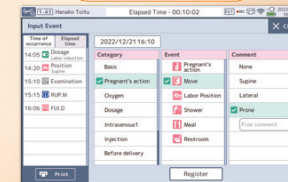


- Maternal vital sign list
- Event list
- Appar score
- Internal Examination list
- Alarm history
- Volume tabs are available

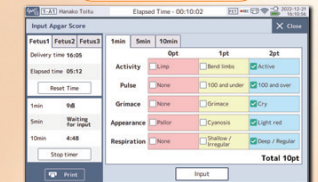
### Internal Examination input



### Event input



### Appar score input



Findings/events/Appar scores are automatically transmitted to Central Fetal Monitoring Software MF-7700

## Central System MF-7700 makes visible linkage (\* MF-7700 data link function)

### Automatic capture of unsent data

Unsent recording data for up to 72 hours are automatically transmitted to the central system

### Automatic wired/wireless LAN switching (\* When the wireless LAN is available in your site)

The device automatically switches the mode of network connection that enables continuous monitoring while in-hospital transportation and bed transfer

### Retrospective transmission

Data recorded while communication is disconnected are transmitted retrospectively after reconnection

