



TOITU Fetal Actocardiograph

MT-516

(Single or Twin Capability)

MT-516



Automatic Detection
and Selectable recording
of fetal movement
of both fetuses simultaneously
from mid-term to birth.

CE
0120

Medical Device Directive (93/42/EEC)

SINGLES OR TWINS

Smaller!

More functional!

During NST, the spike shaped waveform displays fetal movement accurately.

During delivery, the monitor displays the intensity of labor pains and the pain cycle.

Main body is 4.5kg for easier portability.



External Fetal Monitor

MT





● **Displaying the Intensity of Labor Pains and the Cycle of the Pains**
The progress of childbirth can be easily monitored with the help of the display of labor pain intensity and pain cycle.



● **Using Push Button and Jog Dial for easier operation**
Change settings easily with the click touch push button. The jog dial allows easy adjustment of the alarm, day and time, fetal movement level and the timer.

for Singles or Twins

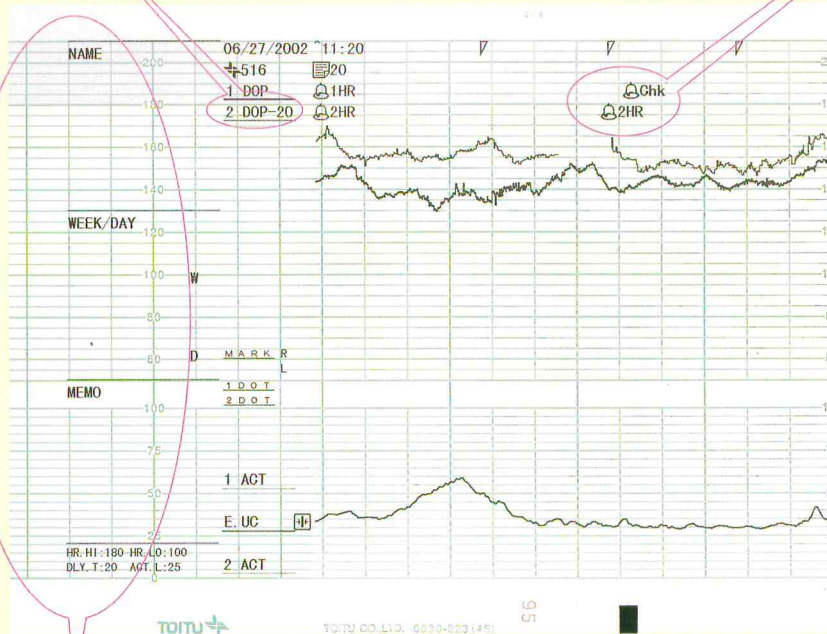
516

- A slim cart takes little space. (Cart optional)
- A basket helps easy storing. (Basket optional)
- A tissue paper holder provides convenience. (Stand optional)



Baseline Offset

When it is difficult to distinguish two separate waveforms when monitoring twins, the baseline of the second FHR waveform can be changed to a different level for easier reading.



Convenient Heading of sheet

The patient's name, gestational age and comments can be easily written at the beginning of the chart.



Twin Monitor Capability
 By adding the Twin Set (Doppler Transducer, Doppler Transducer Belt, Twin Remote Marker Switch), twins can be monitored. Also, a more stable measurement of the FHR signal can be obtained by using two Doppler Transducers on a single fetus (Single Heart Mode)



Convenient Auto NST Time
 When stable Heart Rate signals come in, the equipment automatically starts to record and stops automatically after the preset time has elapsed. There is no need to operate the recorder (Auto NST Mode).



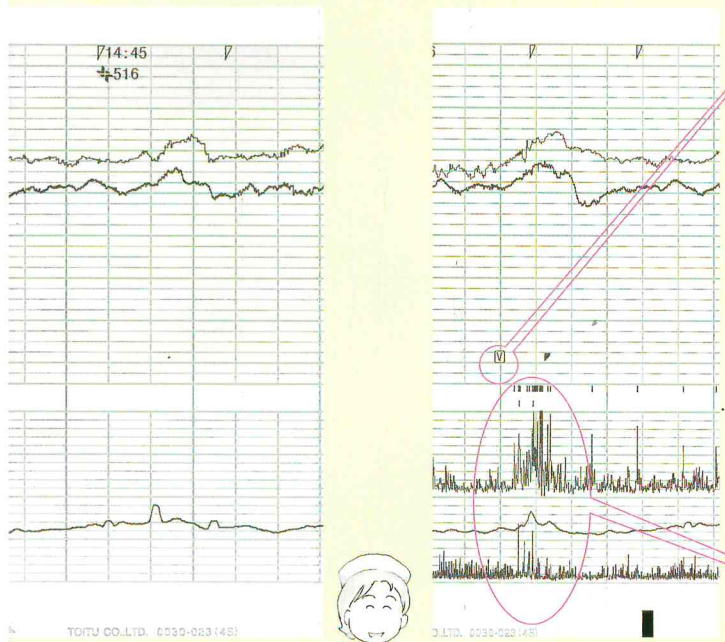
Outside Output Terminal Standard Built-In
 The unit can be connected to a central monitor system and connected digitally to a remote monitor system or physical information system.



Basket Storage
 The basket is made of a strong soft plastic and is large enough to contain all standard accessories.

Event Marking of Alarm on Recording Paper
 Alarm marks will be printed on the recording paper when the alarm alerts and stops. The alarm status is easy to read. (Example: Transducer Off)

Event Marking with the External Stimulation Apparatus Operating
 When measuring NST with a vibration stimulator, an action mark is printed.



Auto Recording of Fetal Movement
 Spike shape waveform or dot marks corresponding to the fetal movements detected by the Doppler Transducer are recorded automatically.



A Proposal for Central Monitoring System

You can monitor the real-time CTG from a remote place.
LAN connection is also available using the Basic Central System.



Central Station Monitor

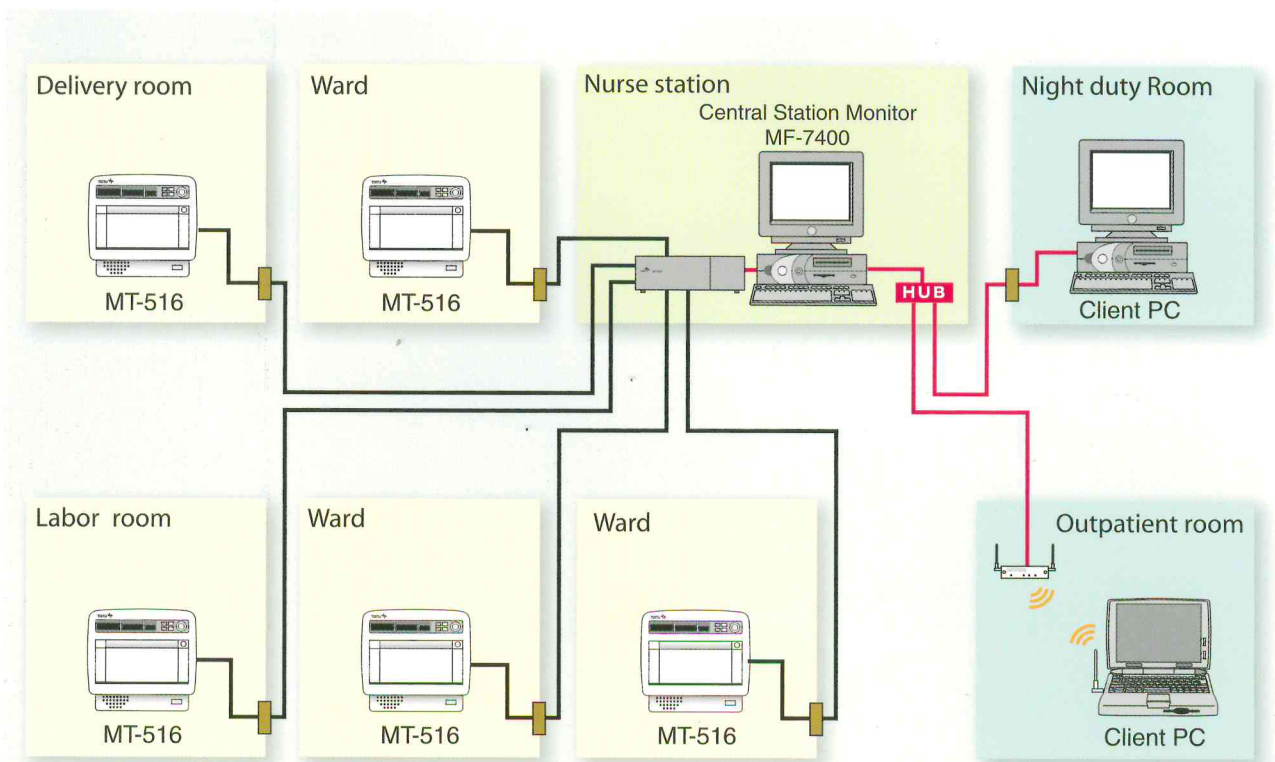


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Signal cable



MF-7400



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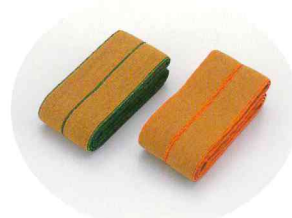
Specifications

Items	Contents
Fetal Heart Rate Measurement	
FHR Input Mode	2 channels Doppler Ultrasound System
FHR Sound Monitor	Doppler Sound
FHR Measuring Technique	Pulse Doppler with autocorrelation processing
FHR Counting Range	50-210 bpm
Alarm Function	User-selectable high and low FHR and Delay Time
Fetal Movement Measurement	
FM Measuring Technique	Auto Measurement by Doppler Ultrasound System
Recording Channel	2 Channels
Recording Method	Spike Recording / FM Dot-print
Uterine Contraction Measurement	
UC Input Mode	External Measurement (Strain Gauge)
Contraction Display	Intensity of the Pains (0-100) Cycle of the pain
Zero Set	One Touch Switch
Recording Unit	
Recording Method	Thermal Printer by Line Thermal head (8 dots/mm)
Recording Width	FHR recording 80mm (50-210 bpm) UC 40mm
Printing Contents	Year / Month / Day / Hour / Minute and Measuring Mode Auto-printing. Mark Print by Event Marker. VAS mark-print using Vibration Stimulator. Dots-print by auto Fetal Movement Marker Measurement.
Printing Speed	10mm/min, 20mm/min, 30mm/min
Power supply	AC...voltage as specified, 50/60Hz, 26VA
Dimensions	240(W) × 250(H) × 200(D)mm
Weight	4.5kg

Standard Accessories



● Y-shape (DOP/UC) Transducer



● Transducer Belt



● Remote Marker Switch (For Single)
SW-524-01

- Recording Paper
- Gel for Ultrasound
- Recording Pen Cleaner
- Power Supply Cable

Options



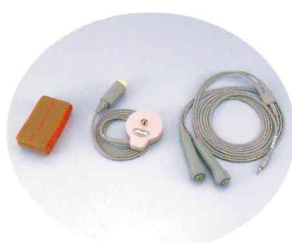
● Doppler Transducer



● Remote Marker Switch (For Twin)
SW-524-02



● Mobile Cart
JC-167



● Twin Set
(Doppler Transducer,
Doppler transducer Belt,
Remote marker switch for twin)

Japan Medical Products license Number 21300BZZ00393000

Appearance and Specifications are subject to change without notice for improvement



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