

FM8000

Type FM8010

Feature

- 10.2" color TFT LCD
- 90 degree folding type
- 9 crystal high sensitive probe
- 152 mm thermal printer
- 24 hour data saving
- Built-in rechargeable battery (4 hour operation)
- Accurate and reliable real time FHR by DSP technology
- Automatic fetal movement detection and accounting
- Central monitoring interface

FHR

- Transducer : 9 crystals, wide wave beam, pulsed-wave working mode
- Operation frequency : 1 MHz
- FHR measuring range : 50 ~ 210 bpm
- Probe strength : less than 5mW/cm²
- Max audio power : 1.5 Watt

TOCO

- Measurement range : 0 ~ 100 units

Options

- NIBP, SPO2, MHR, ECG, RR, TEMP
- FAS (Fetal Acoustic Simulator)
- Twin FHR
- Wireless
- Touch Screen

Type FM8007

Feature

- 7" color TFT LCD
- 90 degree folding type
- 9 crystal high sensitive probe
- 110 mm thermal printer
- 24 hour data saving
- Built-in rechargeable battery (4 hour operation)
- Accurate and reliable real time FHR by DSP technology
- Automatic fetal movement detection and accounting

FHR

- Transducer : 9 crystals, wide wave beam, pulsed-wave working mode
- Operation frequency : 1 MHz
- FHR measuring range : 50 ~ 210 bpm
- Probe strength : less than 5mW/cm²
- Max audio power : 1.5 Watt

TOCO

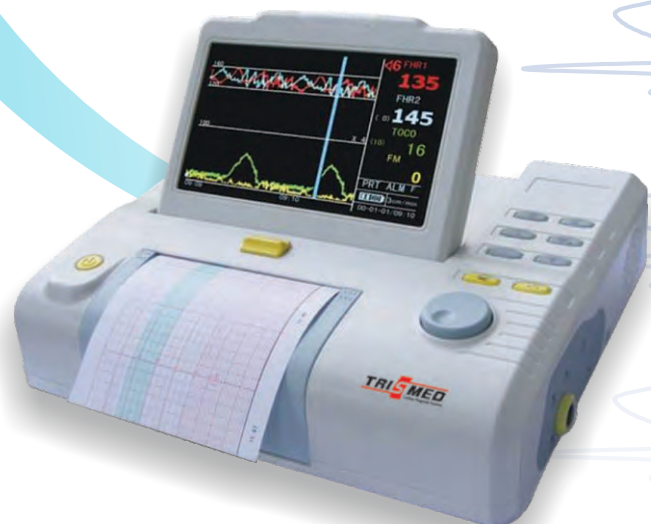
- Measurement range : 0 ~ 100 units

Options

- NIBP, SPO2, MHR
- FAS (Fetal Acoustic Simulator)
- Twin FHR



Type FM8010



Type FM8007

FM8000 Technical Specification

Fetal Heart Rate	
Transducer	Multi-crystals, pulsed doppler , high sensitively
Strength	<5mW/cm ²
Working frequency	1.0MHz
Signal processing	special DSP system and modern reorganization.
Measurement range	50~210bpm
Alarm Range	
High limit	160,170,180,190bpm
Low limit	90,100,110,120bpm
Maximum audio output power	1.5 Watt
TOCO	
Measurement range	0~100 units
Display	
The LCD displays FHR, TOCO, FM, maternal parameters, time, date, and volume, etc., It can store and playback the data.	
Power	Type8007 - AC 100-240V, 50/60Hz, 8.4V Li-ION battery Type8010 - AC 100-240V, 50/60Hz, 16.8V Lithium battery
Power Consumption	< 20W
Dimension	Type8007: 295W×240D×73H (mm) Type8010: 320W×350D×85H (mm)
Net weight	Type8007: 1.75kg, Type8010: 3.5kg
Environment(Working)	Temperature: +5°C ~ +40°C
	Humidity: < 85%
	Atmospheric pressure: 86kPa ~ 106kPa
Environment(Transport/storage)	Temperature: -10 °C ~ +55 °C
	Humidity: < 93%
	Atmospheric pressure: 86kPa ~ 106kPa
Transducer Acoustic Output	
Under the requirements laid down in IEC 1157, 1992, the peak negative acoustic pressure does not exceed 1Mpa. The output beam intensity does not exceed 20mW/cm ² and the spatial-peak temporal-average intensity does not exceed 100mW/cm ²	
Maternal SpO ₂ measure (option)	
Measure scope	70% ~ 99%
Measure accuracy	±3%
Pregnant HR Measure(option)	

Measure scope	30bpm ~ 240bpm
Measure accuracy	±2bpm
NIBP measure(option)	a) NIBP-SYS (6.7 ~ 32.0Kpa)(50 ~ 240mmHg)
	b) NIBP-DIA (3.4 ~ 26.6Kpa)(25 ~ 200mmHg)
	c) NIBP-MEAN(2.0 ~ 24.0ka(15 ~ 180mmHg)
NIBP Accuracy	±1.1kPa (±8mmHg) or ±5% of the results, take the bigger one.
Maximum Mean error	±5mmHg
Maximum Standard deviation	8mmHg
Pulse Rate Accuracy	Maximum Mean error : ±2bpm
Measure accuracy	±2bpm or ±5% of the results, take the bigger one.
Measure mode	Manual / Auto
ECG(option)	
CMRR:	≥ 90dB
Heart Rate Measurement and Alarm Range	15-300bpm
Accuracy	±1bpm
Lead Selection	I, II, III, aVR, aVL, aVF
Input	3 / 5-lead ECG cable
Sweep Speed	6.25, 12.5, 25 mm/s
Amplitude Selection	x1/4, x1/2, x1, x2, x4
Frequency Response:	
Monitoring	0.5 to 35Hz (+0.4dB, 3.0dB)
Defibrillation Protection	5kV test
Recovery Time Following Defibrillation	Less than 5 seconds
Temperature(option)	
Measurement and Alarm Limit	0-50°C
Probe	Skin surface
Unit	Celsius/Fahrenheit
Accuracy	±0.1°C(25°C ~45°C), ±0.2°C(0°C ~25°C or 45°C ~50°C)
Resolution	0.1°C
Respiration(option)	
Measurement Mode	Thoracic Impedance
Respiration Rate	7-150 bpm
Waveform Display Speed	6.25, 12.5, 25 mm/s

✳ Contents and specification subjects change without notice

TRISMED CO., LTD 409 SMECA, 65 Techno 3-ro, Yuseong-gu, Daejeon 34016, Republic of Korea
E-mail, Sales: trismed@trismed.com, Service: info@trismed.com **Web**: www.trismed.com
Tel, +82-42-936-7201 **Fax**, +82-42-936-7202

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 Cardiac Diagnosis Systems
 Satisfaction Superiority Specialization

Cat. No.: MD-Cat8000-001 Rev.1 2015-07-17. Printed in Korea