

FETAL MONITOR

FM 100

The Nidek FM 100 is a compact, high-precision fetal monitor designed to track fetal heart rate (FHR) and uterine contractions (TOCO).

PRODUCT FEATURES

- 7" color TFT LCD display
- Accurate PWD ultrasound technology
- Customizable audio/visual alarms
- ≥ 8 hours battery life
- Built-in data storage and clear waveform display
- Dual Monitoring: FHR & TOCO
- Long Battery Life
- Stores 24 hours of trend data
- Saves 60 ARR events with 10-second waveforms



<p>Display:</p> <ul style="list-style-type: none"> • 7" screen (diagonal) • Color TFT LCD • Resolution: 1024x600 pixels • Three LED indicator: Alarm indicator - 1 (red or yellow) Power indicator - 1 (green) Charge indicator - 1 (green or orange) • Speaker: Giving audio alarms, heart beat tones, pulse tones and prompt tones for operation 	<p>TOCO:</p> <ul style="list-style-type: none"> • Measurement range: (0~100) Pressure unit • Resolution: 1 Pressure unit • Pressure tolerance: $\leq \pm 8\%$ • Zeroing method: Manual
<p>FHR:</p> <ul style="list-style-type: none"> • Measurement range: (30-240) bpm • Measurement accuracy: ± 1 bpm • Alarm limits and tolerance: Upper limit: (70 ~ 210) bpm, tolerance $\pm 5\%$ Lower limit: (60 ~ 200) bpm, tolerance $\pm 5\%$ • Alarm: Continuous audial alarm. The time from FHR out of time to the alarm can select in 15s or 30s. alarm trigger tolerance is ± 2s • Alarm on/off: Open • Alarm level: Medium • Default alarm limit: high: 160bpm low: 120bpm 	<p>Ultrasound:</p> <ul style="list-style-type: none"> • Technique: PWD • Ultrasound frequency: 1MHz \pm 1KHz • Output intensity: < 1 mW/cm² • Measurement resolution: 1 bpm • Measurement accuracy: ± 1 bpm <p>Power:</p> <ul style="list-style-type: none"> • AC Input voltage: (100 to 240) V • Frequency: 50/60 Hz • Power: ≤ 80 VA • Power Supply: 1 AC power connector • Operating time: ≥ 8 hours
	<p>Data storage:</p> <ul style="list-style-type: none"> • Trend data: ≥ 24 hours • ARR events: 60 ARR events, and waveform of serial 10 seconds • Waveform freezing: All the waveforms displayed in the channels area can be stored



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