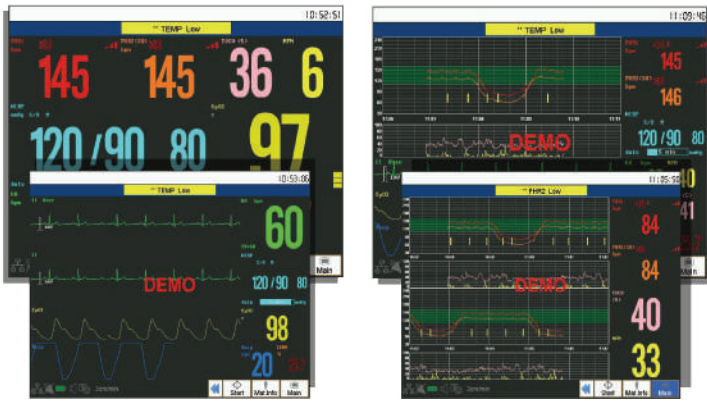


Multi-display interface

Different interface could be easily switched according to clinical needs.

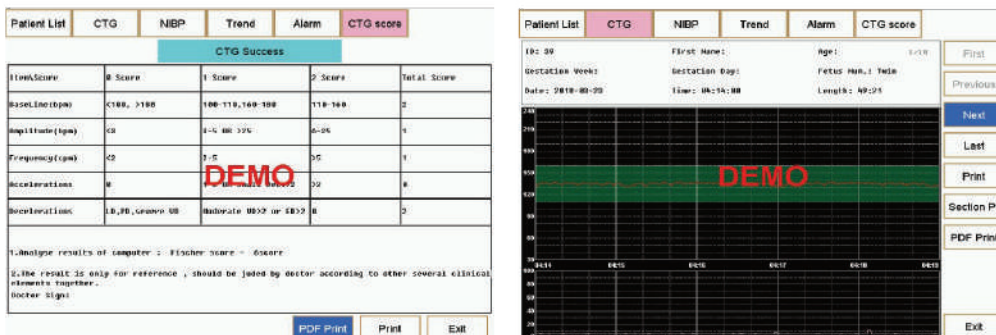


Product Details

- ✓ 12" inch TFT color screen, 0-70 degree foldable.
- ✓ 12 Crystal IPX1 waterproof Probe.
- ✓ Built-in large capability rechargeable lithium-ion battery.
- ✓ Built-in Z-fold paper thermal printer with adjustable tracing speed.
- ✓ Built-in CTG analysis system.
- ✓ Multiple display interfaces can be easily switched.
- ✓ Monitor the maternal and fetal parameters simultaneously.
- ✓ TWIN monitoring function & clinical event mark function.
- ✓ CTG data storage & review for 120h.
- ✓ Support connecting to central monitoring system.
- ✓ Wired/ wireless (optional) connections.

CTG Analysis System

Professional CTG analysis system provide reliable reference for clinician.



Standard Configuration: FHR1, TOCO, FM, AFM, NIBP, SPO2, PR, ECG, RESP and TEMP
 Optional Configuration: FHR2, Touch screen, Fetal Stimulator.

Technical Specification

Size and Weight

- ✓ Size: 383mm×367mm×124mm (W×H×D)
- ✓ Weight: ≤6k

Display

- ✓ Type: 12.1", color TFT LCD
- ✓ Resolution: 800×600pixels

Power Supply

- ✓ Input voltage: AC: 100V~240V, 50Hz/60Hz
- ✓ Input current: 1.0A~0.5A
- ✓ Standard requirement: Comply with IEC 60601-1 and IEC 60601-1-2
- ✓ Battery: 11.1V /4000mAH rechargeable lithium-ion battery

Recorder

- ✓ Recording speed: Real-time recording: 1cm/min, 2cm/min, 3cm/min
Review of fast recording: up to 13mm/s
- ✓ Paper type: 152 mm Z-folded thermosensitive printing paper

FHR

- ✓ Measurement method: Ultrasound Pulsed Doppler
- ✓ Ultrasonic intensity: < 5mW/cm²
- ✓ Ultrasonic frequency: 1.0MHz, deviation less than ±10%
- ✓ FHR Measurement Range: 50bpm ~ 210bpm
- ✓ Resolution: 1bpm
- ✓ Accuracy: ±2bpm
- ✓ Output beam intensity(Iob): <20mW/cm²

TOCO

- ✓ Measurement method: Strain Gauge Sensor Element
- ✓ Measurement range: 0~100 units (relative to %)
- ✓ Resolution: 1% (1 unit)
- ✓ Nonlinear accuracy: ≤ ±10%
- ✓ TOCO baseline: 0, 5, 10, 15, 20 ,optional

FM

- ✓ Measurement method: Doppler ultrasound
- ✓ FM intensity measurement range: 0-40 (%) relative range
- ✓ Resolution: 1%
- ✓ Model: Auto/Manual

ECG

- ✓ Lead Mode: 3/5 leads ECG input
- ✓ Lead selection: I, II, III, aVR, aVL, aVF, V
- ✓ Gain: 0.25x, 0.5x, 1.0x, 2.0x, 4.0x
- ✓ Input impedance: ≥5.0MΩ

- ✓ CMRR : ≥105dB
- ✓ Sweep speed: 6.25 mm/s, 12.5mm/s, 25 mm/s

HR

- ✓ Measurement range: 10 bpm to 300 bpm
- ✓ Resolution: 1 bpm
- ✓ Accuracy: ±1% or ±1 bpm, whichever is greater
- ✓ Detecting sensitivity: ≥0.20mVpp(II lead)

PR

- ✓ Measurement range: 20bpm to 250bpm
- ✓ Alarm range: High/low limit: 0bpm to 300bpm
- ✓ Resolution: 1 bpm
Accuracy: ±1% or ± 1 bpm
- ✓ Data update period: 12s

RESP

- ✓ Measurement method: Thoracic impedance
- ✓ Excitation frequency: Sine wave: 64.8 kHz
- ✓ Excitation current: ≤0.5mA at 64.8 kHz
- ✓ Measuring impedance range: 0.2Ω to 3Ω

NIBP

- ✓ Measurement way: Automatic oscillometry
- ✓ Measurement mode: Manual , Auto
- ✓ Intervals for Auto measurement time: 3 min, 5 min, 10 min, 15 min, 30 min, 60 min, 90min, 2h, 4h
- ✓ Measurement kinds(Adult): Sys, Dia, Map
- ✓ Measurement range (mmHg):
Sys: 30 to 270, Dia: 10 to 220, Map: 20 to 235

SpO2

- ✓ Measurement range: 0% to 100%
- ✓ Alarm range: High/low limit: 85% to 100%
- ✓ Resolution: 1%
Accuracy: 70% to 100%: ± 2%, 35% to 69%: ±3%, 0% to 34%: undefined
- ✓ Data update period 12s

Temp

- ✓ Measurement way: Thermal resistance way
- ✓ Measurement range: 0.0°C to 50.0°C(32°F to 122°F)
- ✓ Accuracy: ±0.1°C or ±1°F (exclusive of probe)
- ✓ Resolution: 0.1°C or 1°F
- ✓ Unit: °C or °F
- ✓ Temp sensor resistance: YSI400 compatible
- ✓ sensor (2252Ω at 25°C, ±0.1°C)