



CARDIOTECH GT-800

VITAL SIGNS MONITOR



Cardiotech GT-800 Vital Signs Monitor has made its mark in out-patient department and doctor's office for its accuracy, durability and cost-effectiveness by SpO2, NIBP and Fast TEMP monitoring. Its affordable price and multi-parameter functionality address vital signs monitoring needs.

FEATURES

- 3.5" color TFT LCD and LED display
- Display numeric and waveform information simultaneously
- NIBP, SpO2 and Fast thermometer vital signs parameters measurement
- Built-in rechargeable battery for 13 hours long time continuous working
- Spot-check and continuous monitoring mode to meet different clinical needs
- Nurse call
- Powerful data storage
- Bi-directional communications with central monitoring system
- Suitable for adult, pediatric and neonatal patients
- PC software for patient data management

Configuration	SpO2	NIBP	Fast TEMP
GT-800 (SpO2 only)	Yes	No	No
GT-800 (NIBP only)	No	Yes	No
GT-800 (NIBP + Fast TEMP)	No	Yes	Yes
GT-800 (SpO2 + NIBP)	Yes	Yes	No
GT-800 (SpO2 + NIBP + Fast TEMP)	Yes	Yes	Yes



Ergonomics button design for easy operation



PC management software



Powerful storage capacity: 100 hours trend review of all parameters, 12,000 sets NIBP Preview.

TECHNICAL SPECIFICATIONS

CLASSIFICATION

Anti-electroshock type Class I equipment
and internal powered equipment
EMC type Class A
Anti-electroshock degree
SpO₂, NIBP, Fast Temp

SPECIFICATIONS

Size and Weight
Size 200.8mm (L) x 241mm (H) x 189 mm (D)
Weight 2.3 kg
Display
3.5 inches, LCD
Color TFT resolution: 320X240
Power Supply
100-240 VAC, 50/60HZ
Pmax=70VA FUSE T 1.6AL
Battery
Type: Lithium
Voltage: 14.8 V DC
Capacitance: 4,400 mAh/2200mAh
Working period: 4,400 mAh 780 min
2,200 mAh 390 min
Rechargeable period <360min
Recorder (Optional)
Record Width 48 mm
Paper Speed 25mm/s

NIBP

Method Oscillometric
Mode Manual, Auto, Continuous
Measuring Interval in AUTO Mode
1/2/3/4/5/10/15/30/60/90/120/240/480 Min
Continuous 5min, interval is 5s
Measuring Type Systolic Pressure,
Diastolic Pressure, Mean Pressure
Measuring Range
Adult Mode
SYS 40~270mmHg
DIA 10~215mmHg
MAP 20~235mmHg

Pediatric Mode
SYS 40~200mmHg
DIA 10~150mmHg
MAP 20~165mmHg
Neonatal Mode
SYS 40~135mmHg
DIA 10~100mmHg
MAP 20~110mmHg
Cuf Pressure measuring Range 0~280mmHg
Pressure Resolution 1mmHg
Maximum mean error 5mmHg
Maximum Standard deviation 8mmHg
Entire Measuring Period 20~45s typical
(depend on HR/motion disturbance)
Overpressure protection
Dual Overpressure protection
Adult 297 + 3mmHg
Pediatric 240 + 3mmHg
Neonatal 145 + 3mmHg
PR
Measuring Range 40~240bpm
Resolution 1bpm
Accuracy +3bpm or 3.5% of the maximum

SpO₂

Measuring Range 0 ~ 100 %
Alarm Range 0 ~ 100 %
Resolution 1 %
Accuracy
Adult (including Pediatric)
2% 70%~100% SpO₂
Undefined 0~70% SpO₂
Neonate 3% 70%~100% SpO₂
Undefined 0~70% SpO₂
Pulse Rate
Measuring and Alarm Range 30 ~ 300bpm
Resolution 1bpm
Accuracy 3bpm
Data update period 2s
ISO 9919