



CARDIOTECH **GT-850 NS**

VITAL SIGNS MONITOR

CardioTech's vital sign monitor is a universal monitor for various clinical applications. It provides basic spot checks for NIBP and SpO2. The combination of features and continuous monitoring makes it a perfect device for various departments in the hospital, clinic or office.

Features

- Combination of numeric LED and TFT LCD display.
- Flexible configuration between SpO2, NIBP.
- High capacity lithium rechargeable batteries, operation time up to 10 hours.
- Spot check and continuous working mode to satisfy different clinical scenario.
- Sturdy exterior can withstand 5 foot drop.
- High capacity internal storage for 1500 hours trends or 4000 groups of data.
- Ethernet, WiFi and 3G connection for data transfer anywhere and anytime.
- Built in printer upgrade available.



SD card for saving and transferring data



Turning knob for easy and quick operation



DC power supply



Printer module, plug and play

SPECIFICATIONS

Physical Specification

Dimensions: **250*180*180mm**
 Net weight: **2kg (including battery)**
 Display: **LED+3.2" LCD (320*240dpi)**

Power Supply

AC: **100-240V 50/60Hz**
 Internal battery: **Rechargeable Li-ion**
 Battery working period: **5hours | 10 hours (optional)**

Data Storage

120 patient data storage
 (4000 alarm data/patient and 1500 hours trend review)

NIBP

Method: **Oscillometric**
 Mode: **Manual, Auto**
 Measuring interval in auto mode: **1-480 minutes**
 Pulse Rate Range: **30-240bpm**
 Measuring range:

Adult Mode

SYS	40-255mmHg
DIA	10-195mmHg
MEAN	20-215mmHg

Pediatric Mode

SYS	40-200mmHg
DIA	10-150mmHg
MEAN	20-165mmHg

Neonatal Mode

SYS	40-135mmHg
DIA	10-110mmHg
MEAN	20-125mmHg

Resolution: **1mmHg**

Precision:

Max average error: **+5mmHg**

Max standard error: **8mmHg**

Overpressure Protection

Adult	290mmHg
Child	290mmHg
Newborn	150mmHg

SpO2

Measuring range: **0-100%**

Resolution: **1%**

Precision:

Adult/Pediatric **70%-100%+2%**

Neonatal **70%-100%+3%**

Pulse Rate:

Measuring Range: **30-240bpm**

Resolution: **1bpm**

Accuracy: **the bigger one between +3% or +3%bpm**

Network Connection (Option)

LAN Ethernet / WLAN / WiFi /
 Telephony CDMA / GPRS

Printer

Plug & Play type
 Paper width: **50mm**
 Printer upgrade
 available as
 GT-850 NSP

I/O interface

SD card socket

