CardiacDirect
Value Without Compromise

CARDIOTECH GT-850 NSP
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 Sp02, 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.

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**

Sp02
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**

I/O interface
SD card socket