CardiacDirect

CARDIOTECH GT-900

Vital Signs Monitor

Nurse Call Function

USB Support

Large Storage Capacity

Easy Transportation: Lightweight and Portable Design

Display: 5.7” High Resolution Screen, Numeric and Waveform Information

Quick, Accurate and Easy To Use

Cardiotech GT-900 Vital Signs Monitor has made its mark in out-patient department and doctor's office for its accuracy, durability and cost-effectiveness by SpO2 and NIBP. Its affordable price and multi-parameter functionality address vital signs monitoring needs.

Features

- Nurse call
- Nellcor OxiMax SpO2
- Powerful storage capacity
- SpO2, Pulse Rate and NIBP
- USB data storage and review
- Trend table review and record
- Trend graph review and record
- PR measurement (form SpO2/ NIBP)
- Wired and wireless network capability
- 5.7 inch high resolution display for easy reading
- Built-in Lithium-ion Battery for 8 hours working
- Suitable for adult, pediatric and neonatal patients
- Display numeric and waveform information simultaneousl
- Lightweight, portable design and user-friendly interface for easy operation
- Powerful storage capacity of 72 hours trend review of all parameters, 30,000 sets NIBP review, 800 items alarm review and USB data storage
- Real-time data or USB data can be transferred to a PC through PC management software to review and print

Configuration

- NIBP + SpO_2
- NIBP + SpO_2 + Oral Temp
- NIBP + SpO_2 + Tympanic Temp

NIBP+SpO_2

NIBP+SpO_2+Oral Temp

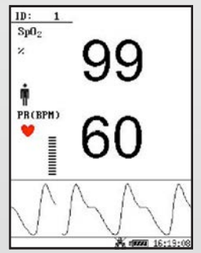
NIBP+SpO_2+Tympanic Temp

Display Modes

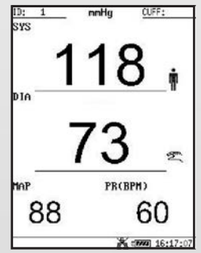
NIBP+SpO_2

SpO_2+NIBP

NIBP+TEMP



SpO_2 Only



NIBP Only

Specifications

Classification
Anti-electroshock typeClass I equipment and internal powered equipment
EMC typeClass A
Anti-electroshock degree
SpO2, NIBP: BF De brillation type;
TEMP: CF type.
Ingress Protection IPX1

Specifications
Size and Weight
Size200.8mm (L) x 241mm (H) x 189 mm (D)
Weight3 kg
Display
5.7 inches,LCD
Color TFT resolution: 640X480
Power Supply
100-240 VAC, 50/60HZ
Pmax=70VA FUSE T 1.6AL
Battery
Type: Lithium-ion
Voltage:14.8 V DC Capacitance:4,400 mAh
Working period Color TFT: 480min
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
Cu Pressure measuring Range
0~290mmHg
Pressure Resolution 1mmHg
Maximum mean error 5mmHg
Maximum Standard deviation 8mmHg
Entire Measuring Period 30~45s typical (depend on HR/motion disturbance)
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
IEC 60601-2-30

Specifications

SpO2 (optional, by Nellcor OxiMax)
Measuring Range 1 ~ 100 %
Alarm Range 1 ~ 100 %
Resolution 1 %
Accuracy
Adult and Low-perfusion
2% 70%~100% SpO2
Undefined 0~70% SpO2
Neonate 3% 70%~100% SpO2
Undefined 0~70% SpO2
Pulse Rate
Measuring and Alarm Range 20~300bpm
Resolution 1bpm
Accuracy 3bpm
Measuring Range 25 ~ 45
Probe Type Oral/Axillary sensor
Rectal sensor
Resolution 0.1
Accuracy Monitor mode: 0.1
Typical measurement time <15s
Update time 1s ~ 2s
IEC 12470-4
CO2 (Mainstream and Sidestream, optional)
By Philips Respronics CAPNOSTAT 5 & LoFlo Technology
Range: 0 ~ 150 mmHg
Accuracy: 2% 0 ~ 40 mmHg
5% 41 ~ 70 mmHg
8% 71 ~ 100 mmHg
10% 101 ~ 150 mmHg
AwRR Accuracy: 1rpm
Convenient design for intubated and nonintubated applications
Possible to work at low sample ow rate: 50ml/min
Detailed speci cation refer to the user manual of
ISO 21647

SpO2 (Cardiotech)
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