



# CARDIOTECH **GT-7100**

## ALL-IN-ONE HEALTH MONITOR



Integrated with lithium battery, GT-7100 Spot-check monitor conveniently measures SpO2 Pulse Rate, NIBP and TEMP. The device is widely used in hospitals, clinics and family daily measurement. Equipped with bluetooth and USB interface, users are able to transfer the data to PC/Cell phone for further diagnosis.

## FEATURES

- Measurement of SpO2, NIBP Pulse Rate and TEMP.
- Real-time measurement display on APK or IOS
- Quick ear probe TEAM measurement result in 5 seconds
- Integrated rechargeable lithium battery
- Data upload by Bluetooth for analysis and print out
- Optional with ECG and Glucometer

## TECHNICAL SPECIFICATIONS

### SpO2

Measuring range:

Accuracy:

35% ~ 100%

± 2% (during 75% ~ 100%)

± 3% (during 50% ~ 74%)

### Pulse Rate

Measuring range:

Accuracy:

(0 ~ 300) bpm

± 2% or ± 3% (whichever is greater)

### NIBP

NIBP Range:

Pressure transducer accuracy:

Measuring range:

0mmHg ~ 300mmHg (0kpa ~ 39.9kpa)

± 3mmHg

Systolic pressure: 60mmHg ~ 240mmHg

Diastolic pressure: 30mmHg ~ 180mmHg

### Temperature

Measuring Range:

Accuracy:

Measuring time:

32 ~ 43.9°C

± 0.1°C (during 35 ~ 39°C)

± 0.2°C

< 20s

### ECG Measurement (Optional)

Heart Rate Measuring Range:

Heart Rate Measuring Accuracy:

Display Scale:

Common Mode Rejection Ratio (CMRR):

30bpm ~ 240bpm

± 2bpm or 2% whichever is greater

5.0mm/mV ± 10%

≥ 60db

### Power Supply

Battery:

Operating voltage:

Operating current:

Charger:

3.7V inbuilt Li-ion battery

3.6 ~ 4.2VDC

≤ 800mA

Input 100V ~ 240VAC, 50Hz/60Hz

Output 5VDC 1.2A

### Environment Requirement

Temperature:

Humidity:

5°C ~ 40°C

30%RH ~ 80%RH



**SpO2 sensor**



**Blood Pressure**



**Temperature**



**ECG**