CardiacDirect
Value Without Compromise

Battery   NIBP Cuff   SpO2 Sensor   ECG Leadwire

CARDIOTECH GT-7400
## MULTI-PARAMETER PATIENT MONITOR

FEATURES

- 7" high resolution color TFT display

- Arrhythmia analysis and ST segment analysis

- Up to 800 groups data record storage

- 1000-hour data trends for all parameters with graphic and list view

- Compact size with net weight 3.0kg only

- 2000 groups of event data storage

- 100 groups of arrhythmia events data with corresponding HR , TEMP, C02, Sp02, and RESP value

- Protection against defibrillator interference

- Adult/Infant measurement modes

- Visual and audible alarms

- Optional with quick TEMP measurement
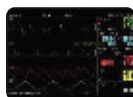
- 2000 groups of event data storage

Big number display for remote view

Trend review for all parameter
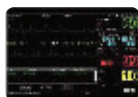
Stored ECG recall with waveform

6 parameter simultaneously display

Optional Quick TEMP measurement

Built-in rechargeable battery

External printer optional

Optional trolley

NIBP

Technique Oscillometric	Oscillometric
Cuff pressure range	0 mmHg ~ 300mmHg
Pressure precision	± 3mmHg
Cuff Inflation time	< 10 seconds (typical adult cuf)
Overpressure protection	Adult/Pediatric 300mmHg
	Neonate 140mmHg
BP measuring range	Systolic pressure
	Adult 40mmH ~ 255mmHg
	Pediatric 40mmHg ~ 200mmHg
Mean arterial pressure	Adult 20mmHg ~ 215mmHg
	Pediatric 20mmHg ~ 165mmHg
Diastolic pressure	Adult 10mmHg ~ 195mmHg
	Pediatric 10mmHg ~ 150mmHg
BP measuring accuracy	Maximal mean difference ± 5mmHg
Maximal standard deviation	8mmHg
Measurement mode	Manual, Auto, STAT

Temp

Measuring range	25.0 ℃ ~ 45.0 ℃
Measuring accuracy	± 0.2 ℃
Responding time	≤150s
Quick temp (optional)	<20s(skln), <2s(ear)

SP02

Transducer	Dual-wave length LED
SpO2 measuring range	35% ~ 100%
Low perfusion capability	0.4% ~ 5%
SpO2 measuring accuracy	Arms less than 3% for Sp02 range from 70% to 100%
Low perfusion performance	0.4%
PR measuring range	30bpm ~ 240bpm
PR measuring accuracy	± 2bpm or ±2%, whichever is greater

Operation

Working temperature:	5 - 40 ℃
Humidity:	30 - 75% (non-condensing)
Atmospheric pressure:	86 - 1 06kPa

ECG

Input dynamic range	± 0.4mVp ~ ± 5mVp
HR measuring range	20bpm ~ 300bpm
HR measuring accuracy	± 1% or ± 2bpm, whichever is greater
HR alarm delay time	≤ 10s
Sensitivity selection	x1/2. x1, x2, tolerance ≤ 5%
Sweeping speed	12.5mm/s, 25mm/s. 50mm/s, tolerance ≤ 10%
ECG noise level	≤ 30μVp-p
ECG Input loop current	≤ 0.1μA
Input impedance	≥ 5MΩ
Common-mode rejection ratio	≥ 89dB
Time constant	≥ 0.3s (Monitoring mode)
	≥ 3.2s (Diagnostic mode)
Frequency response	0.5Hz ~ 40Hz (Monitoring mode)
	0.5Hz ~ 75Hz (Diagnostic mode)

RESP

RR measuring range	0rpm ~ 120rpm
RR measuring accuracy	± 5% or ± 2rpm, whichever is greater

Others

Power supply	100 ~ 240VAC, 50/60Hz
Rechargeable U-lon battery	14.8V 2200mAh
Display	7 inches TFT color LCD with 800x480 pixel
Alarming	Audible & visual alarm
Communication	Serial/ Ethernet

Standard Configuration

ECG, RESP, SpO,. NIBP, TEMP. PR

Option

Trolley, Wall-mount, Central monitoring system, External printer