

CARDIOSHIELD CS180

12 Channel PC ECG



MedicalDirector®

12 leads simultaneous recording with USB transfer

Lead-off-detection: Auto-hint the leads connection status after being collected with patient

Powered by USB connection

Protected from defibrillator

Pacemaker detection: amplitude ≥ 2 mV, duration ≥ 200 μ s

Best Practice & Medical Director Compatibility



CARDIOSHIELD CS180



Specifications



MedicalDirector®

CS-180

Sample Rate: 10000Hz/channel

Resolution: 16bit

DR: $\pm 300\text{mV DC}$

Input circuit current: $\leq 0.1\mu\text{A}$

input impedance: $> 10\text{M}\Omega$

Noise level: $\leq 10\mu\text{Vp-p}$

Dimension: 126.5 x 75.8 x 24 mm

Weight: 120g

CMRR: $> 89\text{dB}$

Cable: Banana 4mm cable with 10 leads

Frequency bandwidth: 0.05 Hz - 410 Hz

Safety classification: Class II type CF

50Hz interference suppression filter $\geq 20\text{dB}$

CE&ISO approved

Software

Synchronous 12 lead ECG

Custom duration of synchronous 12 lead ECG

Pacemaker function, mark pace spike in real time

VCG

QT, QTc

Time VCG

VLP

HRV (time/frequency)

HF ECG

Import/Backup/Delete any ECG data

Ward side acquisition; Import stored data to PC in one

time; Synchronous display the ECG in PC

Dividing ruler, parallel ruler

Real Wilson and Frank mode

WHAT YOU SEE IS WHAT YOU GET (WYIWYG) mode

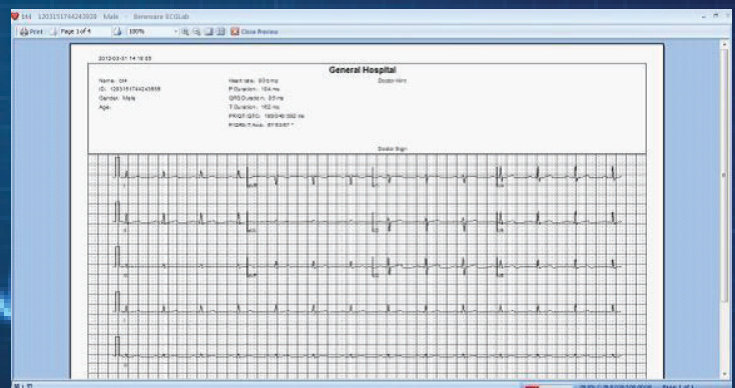
Auto diagnosis

PDF report

Software Interface 12 lead ECG



Sample Result



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