

CARDIOSHIELD CS280



MedicalDirector

12 Channel PC ECG with Bedside Acquisition

Color touch screen: input patient ID, name; Review ECG waveform;
Recall stored ECG data; Review real time HR

Simple, smart, intuitive software

Bedside Acquisition feature

Lead-off-detection

Built in battery and memory; Supports 200 ECG data

Protected from defibrillator

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

Best Practice & Medical Director Compatibility



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Specifications



MedicalDirector

CS-280

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: 126.5x 75.8 x 24 mm

Weight: 168g

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

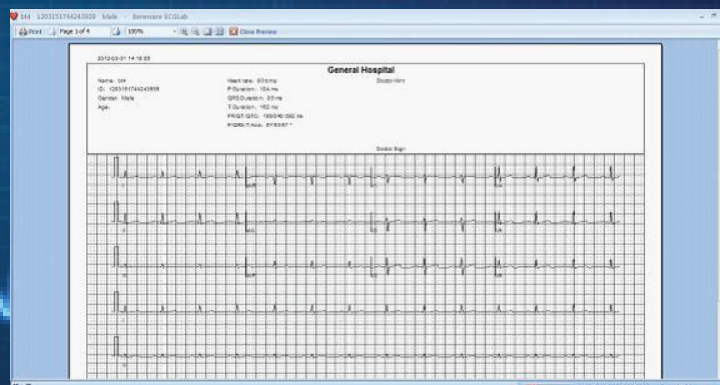
Auto diagnosis

PDF report

Software Interface---12 lead ECG



Sample Result



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