

Technical Index

Equipment Security Type	Internally powered equipment and Type BF applied part
Inputting Leads	12 leads (10 electrode)
Frequency Response	0.05~150HZ
Input Impedance	$\geq 10\text{m}\Omega$
Input Dynamic Range	$\pm 3\text{ mV}$
Polarization Tolerance volt	$\pm 300\text{ mV}$
Common Mode Rejection Ratio (CMRR)	$>80\text{dB}$
Sampling Frequency	$\geq 500\text{ Hz}$
Sampling Precision	12 digit
Communication Technique	wireless USB
Radio frequency	434 MHz
Radio power	$\leq 10\text{dBm}$
Transmitter Power Supply	3.0 VDC, 2AA alkaline batteries.
Receiver Power Supply	5.0 VDC, acquired from USB interface.
Work Environment Demand	Temperature: 5°C~40°C;Relative Humidity $\leq 70\%$; Atmosphere Pressure: 86kPa~106kPa
Keep Environment Demand	Temperature: -40°C~55°C; Relative Humidity $\leq 93\%$; Atmosphere Pressure: 50kPa~106kPa

Accessories



Receiver Box



Launch box



ECG Leads

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Original Technology
New Experience

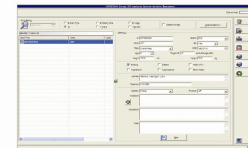
CONTEC 8000S Stress ECG Analysis System
(Dedicated to exercise stress ECG test)

CONTEC

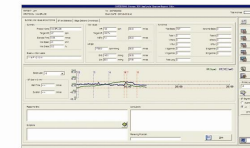
CONTEC 8000S Stress ECG Analysis System (Dedicated to exercise stress ECG test)

Features

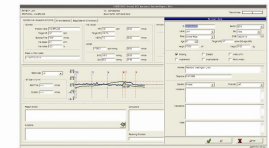
- 12 leads ECG cable for data collection and analysis simultaneously. QRS waveform which distinguished by high precision. The cardiograph during collecting data can be Printed out on-line .
- Memorizing and saving whole course cardiograph data simultaneously.
- The change of ST segment during collecting data can be observed in the course of collection. The segment which the operator chose can be Magnified, and the ST segment data can be automatically calculated.
- Advanced original creation of screen waveform anti-jamming technology is adopted, which make the screen waveform much more precise, the detail of cardiograph much more extrude.
- Anti-jamming technology is adopted to ensure the stabilization of the baseline, reducing effect on cardiograph from myoelectric jamming, baseline excursion, and industry electric wave jamming.
- The machine can adopt both standard exercise scheme and user-defined exercise scheme, and setting instantaneous print and blood pressure measure notice.
- Operator can mark events during exercise, the marked event cardiograph waveform can be compared with current waveform, the event can be observed, edited and printed.
- Including the display and print of all kinds of trend chart. Mainly including: HR, BP, METS, HR*BP, exercise trend, ST segment level/influence/slope/3D/J level and ST/HR, etc. The provided trend graph including: line graph, column diagram, trapezia graph and grid chart etc.
- Dynamic retrospect after exercise function is provided, it can replay the whole exercise testing process. During the course of replay, the speed can be adjusted, such as speedup, slowdown, pause and skip.
- With static Review function, user can look up ECG waveform of any time, and modify the attribute of QRS complex.
- Powerful case history management function is provided, including advanced search of archives , modify case info, delete archive, update archives etc.
- Perfect Import/Export case history function is provided. The exported cases is compressed, which exhaust less disk space. The compressed cases history is associated with the operation system file type. This design make the import operation much more simple and quickly.
- System setting functions include several setting items. For example, switching Chinese/English language, format and mode of displaying waveform (12 leads * 1screen / 6leads * 2screens / 3 leads * 2 screens / 3 leads * 1screen, etc), the color of background grid and print setting, filter setting, and displaying of optional parameters , etc.
- The system has friendly interface, multiple info can be presetted according to users' operating habit, including : IME, tooltips, and doctors' information. Latest setting will be memorized and autosaved as "operator' s favorite setting" . Then the settings can be recovered as start up next time.
- Several useful tools are provides, which are used for equipments management, cases history information management and some other operations.
- The wireless cardiograph date collect equipments improve the anti-jamming capability of instrument. And the system is compatible with the wired cardiograph data collection equipment.



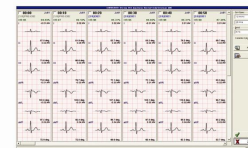
Archive



Report Edit



Patient Information



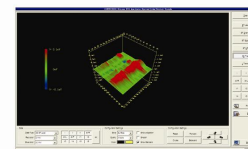
Average Review



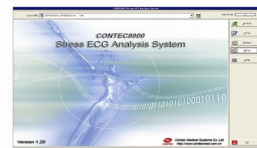
Review



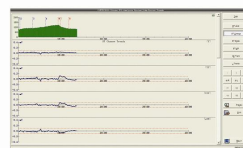
Replay



3D Trend



Main Interface



Trends Review



Events

