



## DMS Exercise Test ECG



**Item**

**Stress ECG Software+Resting ECG Software+Bluetooth Sample Kit**

**Whole Set Include:**

Item	Quantity
Blue-tooth transmitter and receiver	1
Banana Type ECG Cable	1
Snap Type ECG Cable	1
Sucks + Clips	1
ECG Cable Adapter	1
Pouch	1
RS232 Cable	1
USB-COM Cable	1
STRESS TEST BELT	1
Disposable Electrode	1
Stress Test System Manual	1
Security Key for software	1



## Treadmill for Stress Test ECG System

Item

**Medical Cart/Trolley**

**Stress NIBP Testing System(Suntech Tango)**

**Sample device & Software + TM03 Treadmill**

**Sample device & Software + TM2019 Treadmill**

**Medical Cart and Tango is Optional,Not include Computer and Printer.**

## Hardware Description

### Bluetooth Kit:





<b>Leads</b>	12-Lead, 10 electrodes
<b>Sampling Rate</b>	12 Bits, 4096Hz
<b>Dimension</b>	Transmitter. 13.5 x 7.5 x 2.4 cm    Receiver. 13.9 x 12 x 3 cm
<b>Weight</b>	Transmitter. 110 g                      Receiver 240 g
<b>SAECG * &amp; VCG *</b>	Yes
<b>FCG *</b>	Yes
<b>Power</b>	Trans. 4 x AA battery. (6.0V)    Receiver. USB Port (5.0V)
<b>ECG Download</b>	Blue Tooth Transmission 2,4 GHz 100 M
<b>Compatibility</b>	CardioScan Resting 12-Lead ,CardioScan Stress Test

## How dose the Exercise Test ECG Work



### Features of Software

#### Software (Stress Test Software / Premier Resting Software)

<b>Stress Test Software</b>	real time ECG
	Superimposed Reference/actual Averaged ECG Complex

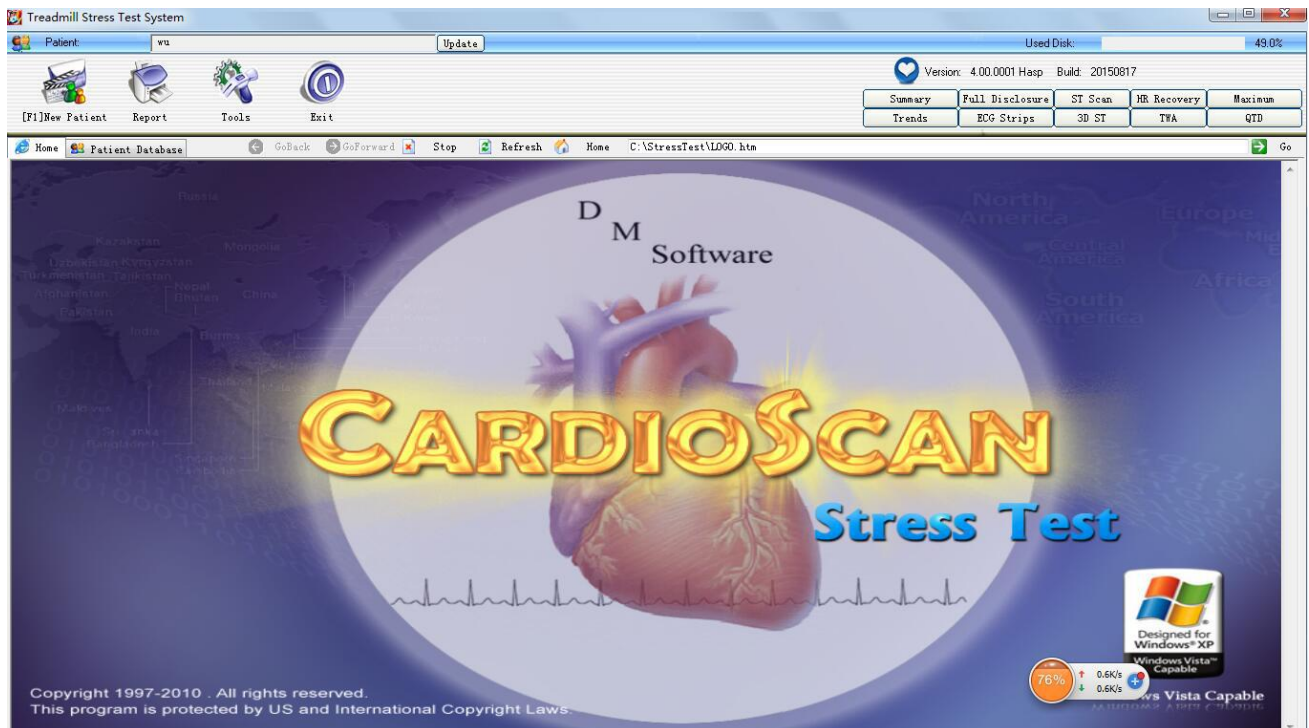


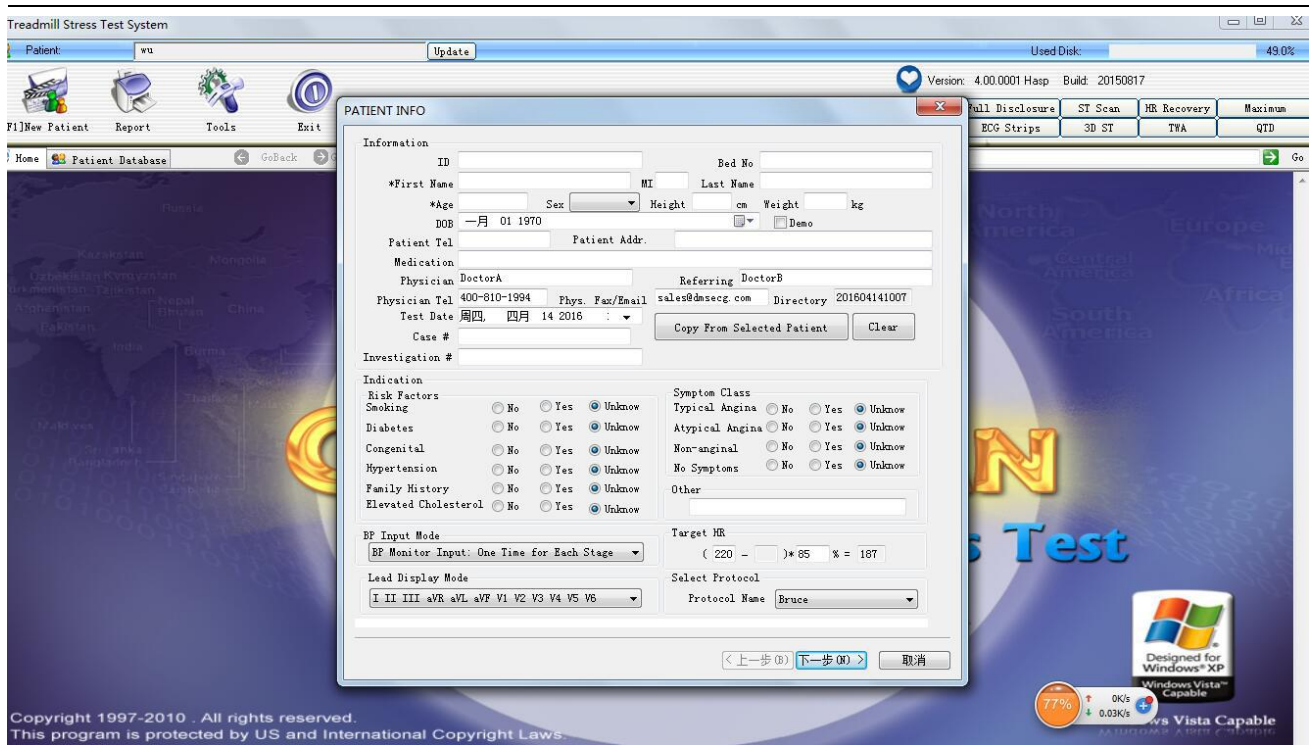


	<b>Full Disclosure</b>
	<b>Heart Rate Triggering</b>
	<b>ECG Averaging</b>
	<b>Absolute or Delta ST Method</b>
<b>Premier Resting Software</b>	<b>12 Lead Resting ECG with or without auto interpretation</b>
	<b>Vector ECG</b>
	<b>Timed Vector ECG</b>
	<b>SAECG (Signal Averaged ECG) Ventricular Late Potentials analysis</b>
	<b>QTD Analysis</b>
	<b>Hour ECG</b>
	<b>High Frequency ECG (HFECG)</b>
	<b>Frequency Cardiogram (FCG)</b>
<b>Simple Exercise ECG</b>	

## Function of Software

### Interface





## Create a new patient

**PATIENT INFO**

Information

ID: \_\_\_\_\_ Bed No: \_\_\_\_\_

\*First Name: \_\_\_\_\_ MI: \_\_\_\_\_ Last Name: \_\_\_\_\_

\*Age: \_\_\_\_\_ Sex: \_\_\_\_\_ Height: \_\_\_\_\_ cm Weight: \_\_\_\_\_ kg

DOB: 一月 01 1970 Demo:

Patient Tel: \_\_\_\_\_ Patient Addr.: \_\_\_\_\_

Medication: \_\_\_\_\_

Physician: Doctor Goh Referring DoctorB

Physician Tel: 400-810-1994 Phys. Fax/Email: sales@dmsecg.com Directory: 201605231742

Test Date: 周一, 五月 23 2016

Case #: \_\_\_\_\_

Investigation #: \_\_\_\_\_

Indication

Risk Factors

Smoking:  No  Yes  Unknow

Diabetes:  No  Yes  Unknow

Congenital:  No  Yes  Unknow

Hypertension:  No  Yes  Unknow

Family History:  No  Yes  Unknow

Elevated Cholesterol:  No  Yes  Unknow

Symptom Class

Typical Angina:  No  Yes  Unknow

Atypical Angina:  No  Yes  Unknow

Non-anginal:  No  Yes  Unknow

No Symptoms:  No  Yes  Unknow

Other: \_\_\_\_\_

BP Input Mode:

Target HR: ( 220 - \_\_\_\_\_ ) \* 85 % = 187

Lead Display Mode:

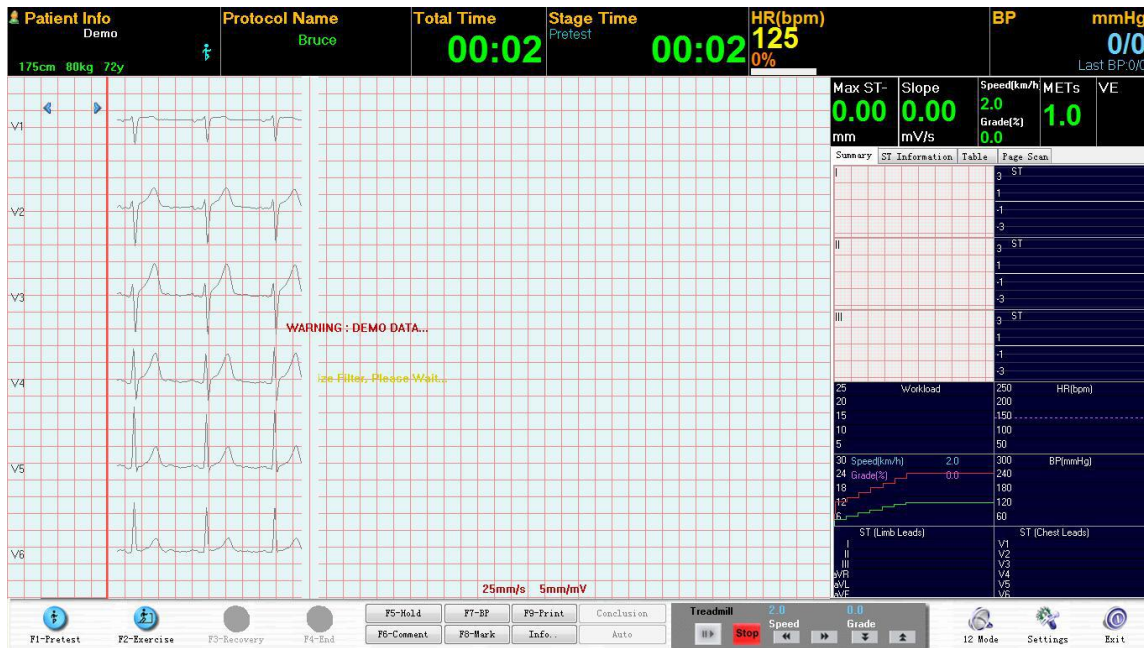
Select Protocol:

Protocol Name: Bruce

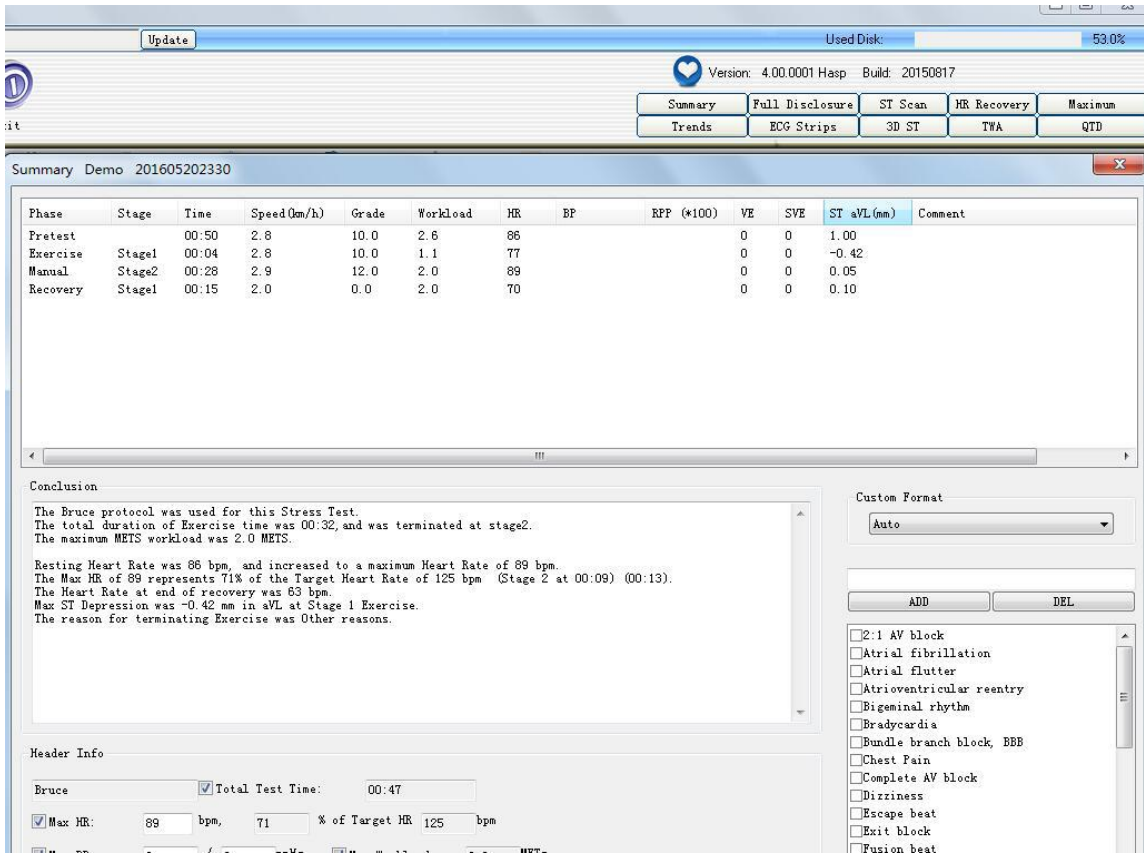
< 上一步(B) 下一步(N) > 取消



## Real Time Monitoring



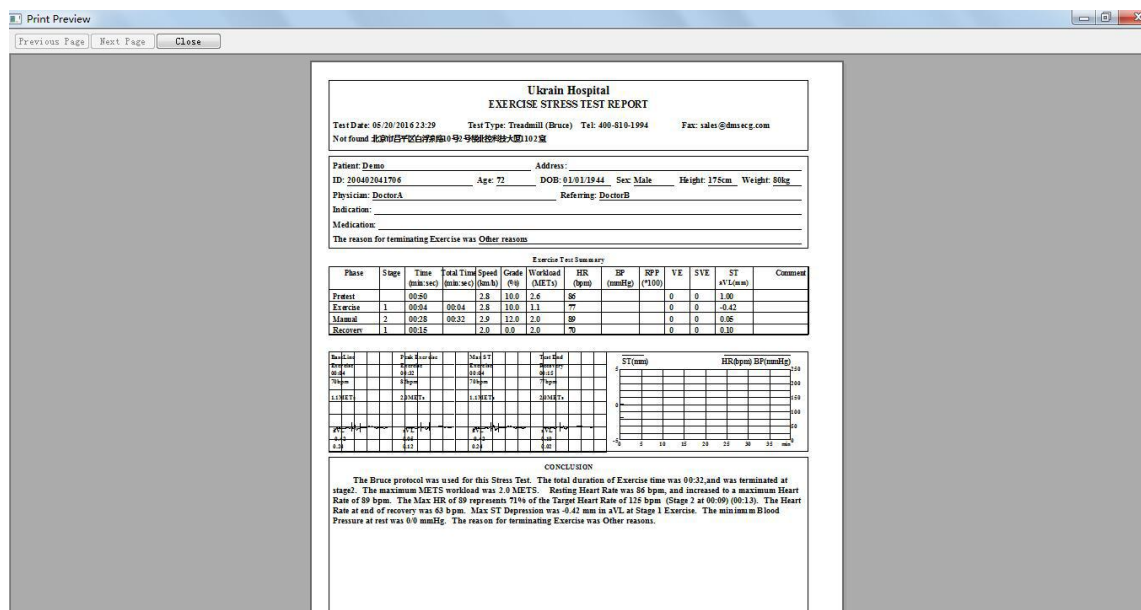
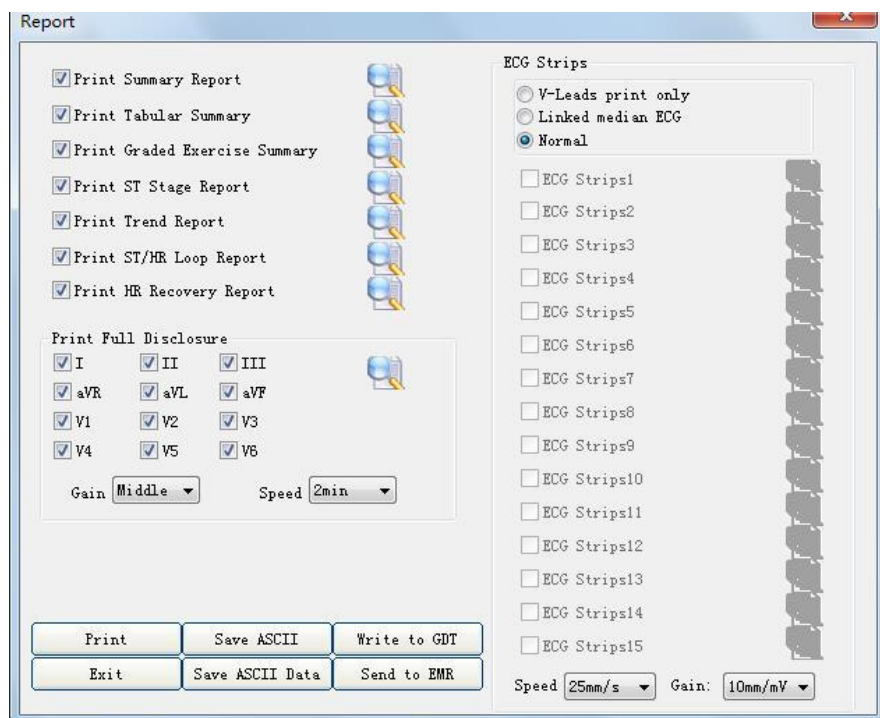
## 10 Professional analytical Method







## 8 Optional Reports



**Software Demo Video Click**

[http://v.youku.com/v\\_show/id\\_XMTU4MDgzMDA2OA==.html](http://v.youku.com/v_show/id_XMTU4MDgzMDA2OA==.html)

- 1..Higher Sampling Rate (4096 Hz) and Superior Resolution (12bits) for best ever ECG signal quality
- 2.Custom ECG Sampling Screen Displays for clear and high quality viewing of real time ECG, Superimposed Reference/actual Averaged ECG Complex, Full Disclosure, in 1, 3, 6 or 12-lead mode
- 3.Instant Real Time ECG print outs or ECG Event Marker for later ECG review



4. DM Software Holter Algorithm for Heart Rate Triggering, ECG Averaging, wandering baseline correction, antialiasing and noise filtering technique
5. User settings for ST analysis from J-point or ST point, Absolute or Delta ST Method, ST elevation and depression criteria
6. Actual ECG versus Reference ECG or prior stage ECG comparison during test
7. Color coded Arrhythmia analysis from DM Software Holter ECG technology
8. Auto, Hold, Manual modes for Treadmill and Ergometer control
9. Auto or Manual NIBP measurement input
10. Full Disclosure ECG Review, Heart Rate Recovery, individual ST Graph with ECG replay with superimposition, multi trends and graphs, ST reanalysis
11. Multiple well known Protocols integrated and unlimited creation of new protocols
12. Multi Ergometers, Treadmills, VO2 interfaces, 2 Analog ECG outputs
13. Windows 2000, NT, XP, Vista, Tablet PC Compatible
14. E-mail, PDF, ASCII, GDT, HL7, Dicom interfaces...



**Treadmill**

**Model: TM03**

**Specifications:**

Belt: 520mm × 3240mm (width × perimeter)  
Treadmill dimension: 2100mm × 820mm × 1400mm  
Speed: 0-20 Km/h  
Grade: 0-25%  
Control Interface: RS232  
Power Source: 220V  
Rated Power: 3 Horse Power  
Net Weight: 138Kg  
Gross Weight: 210Kg

**Model: TM2019**

**Specifications:**

Belt: 480mm × 3020mm (width × perimeter)  
Treadmill dimension: 1900mm × 810mm × 1350mm  
Speed: 0-20 Km/h  
Grade: 0-25%  
Control Interface: RS232  
Power Source: 220V  
Rated Power: 3 Horse Power  
Net Weight: 138Kg  
Gross Weight: 210Kg





## Features:

- (1) Use frequency modulated AC motor.
- (2) Auto belt straight-keeping technique, no manual adjustment is needed.
- (3) Gradually gain speed from standstill status, emergency stop button installed. Speed and grade change automatically in accord with computer protocol.
- (4) Durable, lesser maintenance required.
- (5) Can be able to communicate with computer through USB port if USB-COM adapter is used.



## Medical Cart

Used with Stress Test, Put on the computer, Laser Printer, Blue Tooth Receiver and Suntech Tango+ Blood

Pressure Monitor, etc.

## Specifications:

Material: ABS

Wheel: 4

Outer Size: 530\*490\*965(mm)

Working table: 350\*460(mm)

Table Height: 840(mm)

Keyboard Table Height: 740(mm)

Mainframe-box Height: 460(mm)

## Features:

- (1) Convenient for placing computer, printer, monitor, keyboard and mouse.
- (2) Footbrake designed to prevent cart from moving.