

EC12-RS PC-based Resting and Stress Test ECG

BLUETOOTH



STRESS TEST ECG

EC12-RC

- + BUILT-IN EXPERT SYSTEM TO GIVE PRECISE DIAGNOSIS .
- + SMALL SIZE, COMPACT BUILD .
- + ALARM TO DETECT ELECTRODE FALLING OFF .
- + TREADMILL, ERGOMETER OR MASTER STEP .
- + BASED DIAGNOSTIC EXERCISE .
- + MEASUREMENT SYSTEM .
- + INTEGRATED RESTING AND STRESS TEST ECG .
- + SOFTWARE WITH DATABASE MANAGEMENT .
- + NO NEED TO CONNECT THE PATIENT TO THE .
- + PC WITH CABLES: BLUETOOTH PC CONNECTION .



The EC-12R/S ECG has all the characteristics of the EC-12R device but it can also be used for making stress test examinations without monitoring blood pressure. In this case BP measurement is made with a conventional BP meter and the results are manually entered into the software. Connected to the PC, the device displays sampling and ECG curves with high precision, automatically loads controls and monitors HR, ST, ABP, MET, etc. parameters. The user-friendly analyzing software offers efficient and reliable measurements.



COLOUR CODED ST DIAGRAM

Time(min.s)	Phase time (min.s)
4:01	3:01
Auto BP [mmHg]	Heart rate [bpm]
163/75	129
SpO2	MET (5.8 / 6.3)
-- %	92%
MET max	Load [Watt]
6,2 (99%)	100
BMI	DP
29,30	23568
V ectopic rate (57/999)	SV ectopic rate (4/999)
5,7%	0,4%
Target HR: 155 bpm	
83%	

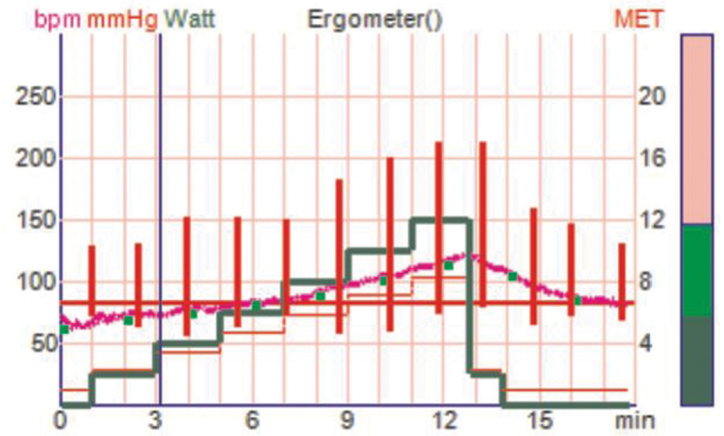
INFO BOX

Al-Mubdaa Scientific Company - مكتب المبدع العلمي

www.almubdaa.com info@almubdaa.com
almubdaa.company 0 7 7 1 6 8 4 5 1 2 0



STRESS TEST SOFTWARE



HR | BP | LOAD - DIAGRAM

STRESS TEST ECG

+ Monitoring patient with continuous recording :-

Besides conventional or short-term resting ECG records, you can also make records lasting several hours.

+ Ergometer and Treadmill database :-

Besides 17 ergometer and 18 treadmill built-in protocols, the software also contains Master-Step and Walking Test. All protocols have been tested.

+ ECG Filtering to improve signal quality :-

Using an effective digital filtering technology, there is practically no baseline movement. The smoothing filter removes muscle and network noise components from the signals without distorting QRS complexes.

+ Reducing the number of faulty readings by synchronizing BP measurements :-

Defining blood pressure by QRS gate method effectively reduces the number of faulty measurements. Due to the integration, there is no QRS synchronic "slip", so even in case of high heart frequency no such problem will occur.

+ Emergency stop when the patient feels discomfort or dizziness during continuous monitoring :-

In case a patient feels discomfort or dizziness during a stress test, monitoring can be extended up to 60 minutes with ST trends and blood pressure monitoring.

+ Rhythm view :-

All resting/continuous/stress test ECG examination will have a window below the normal 1- minute-long ECG display. This full view display shows a 5-minute-long ECG section and we can keep track of all arrhythmias in this section.

STRESS TEST ECC EC12-LT Treadmill



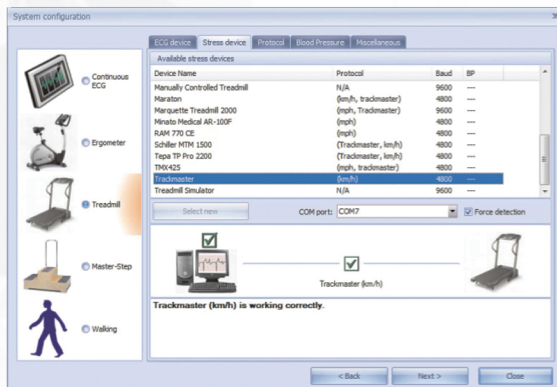
STRESS TEST ECG

EC12-LT

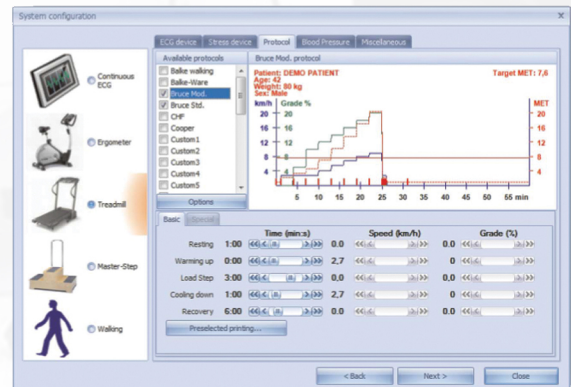
- ⊕ HIGHLY RELIABLE AND DURABLE .
- ⊕ ALMOST MAINTENANCE FREE .
- ⊕ QUIET OPERATION .
- ⊕ SMOOTH ACCELERATION .
- ⊕ LOW STEP-UP HEIGHT .
- ⊕ SIDE HANDRAILS .
- ⊕ SAFETY STOP-BELT .



The EC-12LT Treadmill is the perfect loading device for Stress Test Systems as it is a reliable and durable machine. It can be controlled by many PC-based ECGs once it is connected to a PC. It can be used for stress test examinations and rehabilitation purposes as well. Low step-up height, safety stop-belt, side handrails, quiet operation and smooth acceleration all add to the high usability of this device.



SELECT STRESS DEVICE



SELECT STRESS PROTOCOL