

# **CARDIOTRACK TMT-12 – CE & IEC 60601 Approved 12-Lead TMT Stress Test System**

RS Enterprises introduces the **Best TMT Machine for Cardiology Hospitals and Clinics in India** – the **CARDIOTRACK TMT-12 Stress Test System**. This **CE & IEC 60601 Approved TMT Machine** offers accurate diagnosis with **12-Lead TMT Stress Test System** for hospitals, medical colleges, and diagnostic labs. Contact RS Enterprises today for the latest **TMT Machine Price in India** and to book a full demo.

## **About RS Enterprises**

With over 10 years of expertise in cardiology and neurodiagnostic equipment, RS Enterprises is the **Authorized Dealer of Medicaid Systems TMT Machines**. We are ISO 9001:2015 certified, MSME & GST registered, and deliver **ISO, CE & IEC 60601 Certified TMT Machines** with installation, training, and after-sales support. As a **Trusted TMT Machine Supplier in Eastern India**, we support hospitals, medical colleges, and diagnostic labs.

## **Product Overview – CARDIOTRACK TMT-12**

The **CARDIOTRACK TMT-12** is a **PC-Based TMT Machine in India** designed for accurate and reliable cardiac stress testing. It records **12-lead simultaneous ECG**, provides **real-time ST-segment analysis**, and includes **Bruce and Naughton protocols**. With **arrhythmia detection**, **blood pressure & METs tracking**, and **HIS/LIS integration**, this system is ideal for hospitals, cardiology departments, and teaching institutes.

## **Key Features of CARDIOTRACK TMT-12**

- 12-channel real-time ECG monitoring
- Standard Bruce, Naughton & user-defined protocols
- Automatic **ST-segment analysis** & arrhythmia detection
- Heart Rate, Blood Pressure & METs tracking
- PC-based operation with reporting software
- HIS/LIS compatibility for hospital integration
- Patient safety harness with emergency stop switch
- Portable, CE & IEC 60601 approved device

## **Quick Feature Summary – CARDIOTRACK TMT-12**

| Specification  | Details                           | Benefits                             |
|----------------|-----------------------------------|--------------------------------------|
| ECG Channels   | 12 Simultaneous Leads             | Accurate cardiac assessment          |
| Protocols      | Bruce, Naughton, Custom           | Standardized cardiac stress testing  |
| Analysis       | ST-Segment & Arrhythmia Detection | Improved diagnostic accuracy         |
| Connectivity   | HIS/LIS, USB, Bluetooth           | Seamless hospital integration        |
| Certifications | CE Marked, IEC 60601              | Meets international safety standards |

## Applications

- Hospitals & Cardiology Departments – **\*\*Best TMT Machine for Hospitals in India\*\***
- Diagnostic Labs & Heart Clinics
- Medical Colleges & Teaching Institutions
- Stress Test Units & Rehabilitation Centers
- Cardiology Research Institutes

## Why Choose RS Enterprises

- ISO 9001:2015 Certified | **\*\*CE & IEC 60601 Approved TMT Machines\*\***
- **\*\*Authorized Dealer of Medicaid Systems TMT\*\***
- 10+ Years of Experience in Cardiology Equipment
- PAN-Eastern India & South Asia Service Coverage
- **\*\*TMT Machine with Onsite Installation & Training\*\*** included
- Trusted by 100+ hospitals & cardiology clinics
- Flexible institutional support and warranty packages

## Service & Support

- 1-year manufacturer warranty
- Onsite installation, demo & training provided
- Online & onsite technical assistance
- Genuine spare parts with warranty compliance

## Our Service Network

- Odisha: Bhubaneswar, Cuttack, Rourkela, Sambalpur, Berhampur, Balasore, Baripada, Balangir, Koraput
- West Bengal: Kolkata, Howrah, Siliguri, Asansol, Durgapur, Kalyani, Malda, Bardhaman, Medinipur, Murshidabad, Haldia
- Assam: Guwahati, Dibrugarh, Silchar, Jorhat, Tezpur, Tinsukia, Bongaigaon, Diphu, North Lakhimpur, Golaghat, Mangaldoi
- Jharkhand: Ranchi, Jamshedpur, Dhanbad, Bokaro, Hazaribagh, Deoghar
- Northeast: Shillong, Tura, Imphal, Aizawl, Kohima, Dimapur, Agartala, Itanagar, Gangtok, Namchi, Haflong, Pasighat
- Nepal: Kathmandu, Pokhara, Biratnagar, Birgunj, Lalitpur, Dharan, Butwal
- Bhutan: Thimphu, Phuentsholing, Mongar, Gelephu
- Bangladesh: Dhaka, Chittagong, Khulna, Sylhet, Rajshahi, Barisal, Rangpur

## FAQ

Q1: What is the **\*\*TMT Machine Price in India\*\***?  
The CARDIOTRACK TMT-12 is available on request with installation, demo, and training.

Q2: Is the CARDIOTRACK TMT-12 a **\*\*CE & IEC 60601 Approved TMT Machine\*\***?  
Yes, it meets international standards for safety and certification.

Q3: Can the system integrate with **\*\*HIS/LIS Hospital Systems\*\***?  
Yes, the device is fully compatible with HIS/LIS for seamless data sharing.

Q4: Do you provide **\*\*Onsite Installation & Training\*\***?  
Yes, RS Enterprises provides full installation, demo, and staff training with every order.

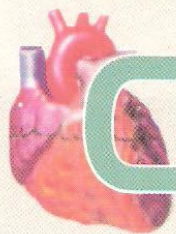
## Optional Accessories

- Online UPS 3 KVA – backup power support
- Compatible PC & Printer for reporting

## Final Call to Action

Upgrade your cardiology diagnostics with the **\*\*CARDIOTRACK TMT-12 – CE & IEC 60601 Approved 12-Lead TMT Stress Test System\*\***. Contact RS Enterprises today for technical details, brochure download, and to request a Quotation.



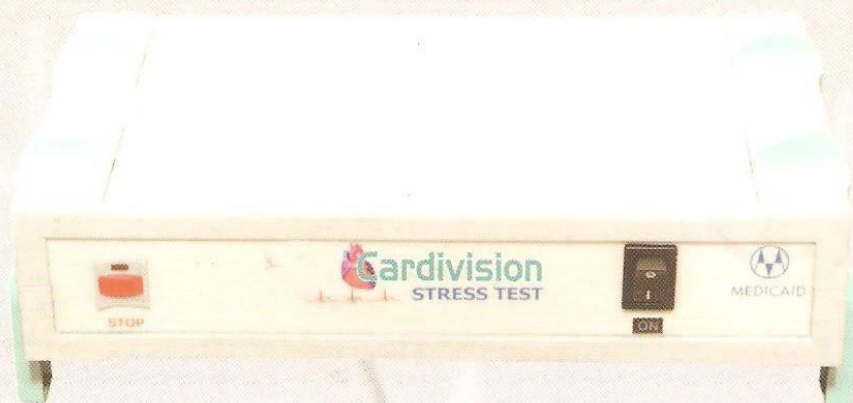


# Cardivision

## STRESS TEST SYSTEM



An **ISO 9001 : 2000** Company



### FEATURES

- Optically isolated amplifier.
- State-of-the-art Windows based Stress Test Software.
- Digital filter for noise and distortion free recording. Crystal clear wave forms with steady base line ensured by innovative baseline correction algorithm.
- Wide range of comprehensive reports.
- Standard letter (8.5" x 11") or A4 papers with/without grid printing.
- Online/Offline printing.
- Post-test review and edit facility.
- Medicaid's in-house fabricated medical grade tread mill driven by 2.5 HP Japanese motor with apprehensive safety features.
- Easy availability of service and spares.
- Graphical representation of ST-HR trends.
- Performs both resting 12 lead ECGs and stress tests on one system.
- Axis and interval measurements (Resting ECG).
- Antistatic treadmill belt.

### TREADMILL

|                   |                                 |
|-------------------|---------------------------------|
| Power Supply      | : 230 VAC $\pm$ 10%, 50Hz.      |
| Incline Range     | : 0-25%                         |
| Walking Area      | : 1500mm x 500mm                |
| Dimensions        | : 1950mm x 710mm x 220mm        |
| Shipping Weight   | : 170 Kgs.                      |
| Patient's Weight  | : Upto 250 Kgs.                 |
| Power Consumption | : 3 KVA                         |
| Control           | : Acquisition Module (isolated) |

MEDICAID

Cardivision Treadmill



## TECHNICAL SPECIFICATIONS

|                           |                                                              |
|---------------------------|--------------------------------------------------------------|
| Power Supply              | : Directly connected to USB port, no external power required |
| Sensitivity               | : 5, 10, 20 mm/mV                                            |
| Filters                   | : Muscle noise & Baseline antidrift                          |
| Input Impedance           | : > 100M ohm                                                 |
| CMRR                      | : > 100dB                                                    |
| Time constant             | : Greater than 3.2 sec.                                      |
| Standard                  | : According to AHA, IEC 601-1                                |
| Display Resolution        | : 1024 x 768                                                 |
| Dynamic Input Range       | : ( $\pm$ SMVAC) + ( $\pm$ 500m VDC) Max                     |
| Frequency Response        | : 0.05 to 100Hz.                                             |
| Sampling Frequency        | : 4000Hz.                                                    |
| Defibrillation Protection | : Built in                                                   |
| A/D Conversion            | : 14 bit                                                     |
| Patient Input Circuit     | : Fully floating, optically isolated.                        |

## SOFTWARE

### Test Protocols

Pre-programmed protocols including Bruce, modified Bruce, Ellestad, Naughton and user editable protocols.

### Storage

Facility to store Medians every 8 secs, along with HR, BP and Fiducial points, 12 lead unaveraged ECG, 10secs. Rhythm strips for 12 leads.

### Printouts

Automatic/Manual Online printing with Grid On/Off facility, print selected reports in queue.

## ENVIRONMENTAL

|                       |                           |
|-----------------------|---------------------------|
| Operating Temperature | : 5 to 55°C               |
| Humidity              | : 0 to 95% non condensing |

## MODES

### Configuration Mode

Hospital name, Doctor's name, Designation, TM speed at exercise stop, Advance stage, Screen display leads, Stage report protocol, HR & ST alarm limits, Standard summary options, TM slope, User defined TM protocols, Printout protocols.

### Acquisition Mode

Patient details, Filter select, Multiple screen formats, Leads off Indication, Peak exercise median in recovery stage.

### Review Mode

To select patient from list and reprocess, to change HR & BP at any stage. Facility to On/Off grid, view rhythm strip, edit and print summary report.

## STANDARD ACCESSORIES

|                                |            |
|--------------------------------|------------|
| 10 Lead stress test cable      | : 01 No.   |
| Disposable/Reusable Electrodes | : 50 Nos.  |
| Power Cable                    | : 01 No.   |
| Interface Cable (PC)           | : 01 No.   |
| Interface Cable (Treadmill)    | : 01 No.   |
| Paper (A4 Size)                | : 01 Ream. |
| User Manual                    | : 01 No.   |



## OPTIONAL ACCESSORIES

|                           |                                                          |
|---------------------------|----------------------------------------------------------|
| ECG Cart                  | : Four tier heavy duty for computer & other accessories. |
| 10 Lead Resting ECG Cable | : 01 No.                                                 |
| Clamp Electrodes          | : 04 Nos.                                                |
| Chest Electrode (Bulb)    | : 06 Nos.                                                |
| Conductive GEL Tube       | : 01 No.                                                 |

**MINIMUM COMPUTER HARDWARE REQUIREMENTS** : Pentium-III, 128 MB RAM, 1.44 MB FDD, 20 GB HDD, CD-ROM, Keyboard, Mouse, USB Port, Serial Port, Colour Monitor 15", OPERATING SYSTEM : Window 98/ME/2000/XP. PRINTER : Any Laser/Inkjet Colour Printer supporting windows.

**MEDICAID also manufactures** DIGITAL & ANALOG EEG, VIDEO EEG, EMG/NCV/EP, PC BASED SPIROMETER, BIOFEEDBACK "BIO-TRAINERS" ENG MACHINE, AND BEDSIDE ECG MONITOR, PC BASED ECG AND "CARDIOFAX" ECG MACHINES, PULSE OXIMETER, ECTMACHINES, POLYGRAPH, STUDENT PHYSIOGRAPH etc.

**MARKETED BY**  
**R.S. Enterprises**



**Head Office**  
R.S. Enterprises  
Mayfair Crown B-202  
Zila Parishad Road  
Jyoti Nagar, Siliguri  
734001

**Kolkata Branch**  
R.S. Enterprises  
Upohor Complex  
C-2/614, Chakgaria  
Kolkata - 94

**Guwahati Branch**  
R.S. Enterprises  
TechForce,  
Harakanta Sarmah Bhawan,  
Mazzanine floor,  
Dr. B. Borooah Road,  
Ulubari, Guwahati 781007

**An ISO 9001:2015 Certified Company**

www.rsenterprisesindia.co.in  
E-mail: rsenterprises27@gmail.com  
Phone: 98323632661 / 9800685887 / 9474878436

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