Email : sales@scilabexport.com
Phone: +91-7082934803

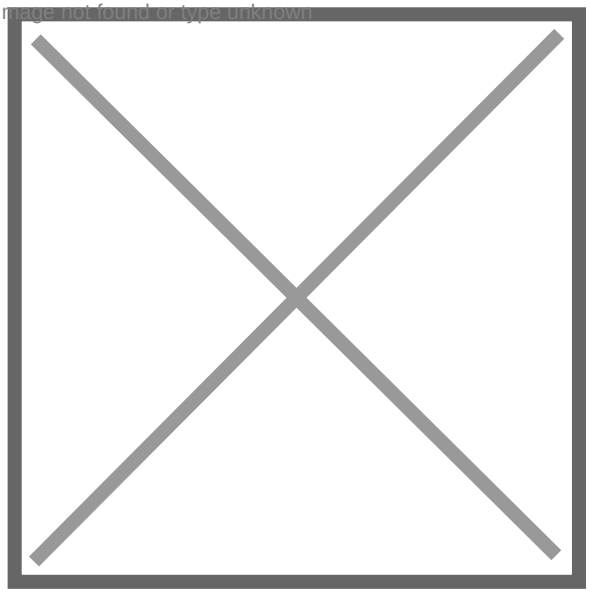
**Product Name :**

Stress-Test System (Treadmill)

**Product Code :**

SCL-MED-4166

Image not found or type unknown



Science Lab
Email : sales@scilabexport.com
Phone: +91-7082934803

## Description :

**Stress-Test System (Treadmill)** (Product Code: SCL-MED-4166) is a treadmill exercise ECG system used to record a 12-channel ECG while a patient walks or runs under controlled load in hospital cardiology departments. It doubles as a static PC ECG workstation and a dynamic stress-test system, and its treadmill runs from 0.1 to 15 km/h at grades of 0 to 25%. It is manufacturedby **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India.

### Specifications

| Parameter | Detail |
|---|---|
| Functions | Static acquisition (PC ECG workstation) and dynamic acquisition (stress test) |
| ECG recording | 12-channel synchronous recording of the whole test |
| ECG display | 1, 3, 6 or 12 channels |
| Test protocols | Standard or self-designed |
| Analysis | ST events, QT testing, automatic ST deviation for each lead, HRV analysis |
| Trend charts | Heart rate, ST and blood pressure |
| Blood pressure | Connects with dynamic blood pressure equipment; values canalso be entered at any time |
| Data handling | Freeze, store and print 12-channel ECG; standard electronic reports for network transmission |
| ECG data transmission | Optional wireless or wired (USB) |
| Frequency response | 0.05–100 Hz |
| 50 Hz rejection | ?60 dB |
| Input impedance | >6 M? |
| Common-mode rejection ratio | ?90 dB |
| Sampling frequency | 500 Hz |
| Treadmill drive | Brushless, low-noise AC variable-frequency motor with Toshiba frequency converter controlling speed and elevation |
| Elevation | Double-helix elevating system with infrared control |
| Running belt | Large, self-correcting and self-tensioning; 330 cm × 53 cm |
| Speed range | 0.1–15 km/h |
| Grade range | 0–25% |
| Regulation accuracy | 0.2% |
| Trea | |
| Trea | |