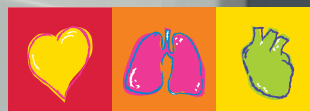


# CARDIOVIT CS-300

Precision and confidence in every beat

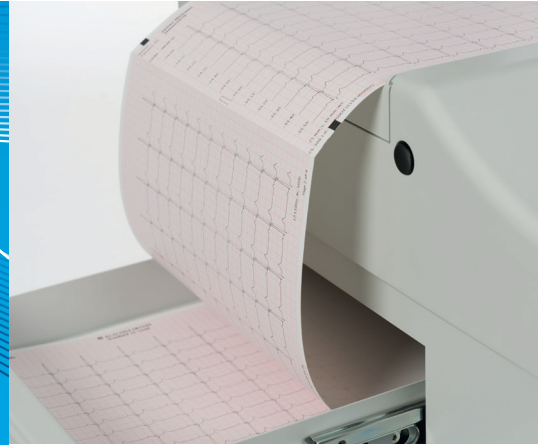
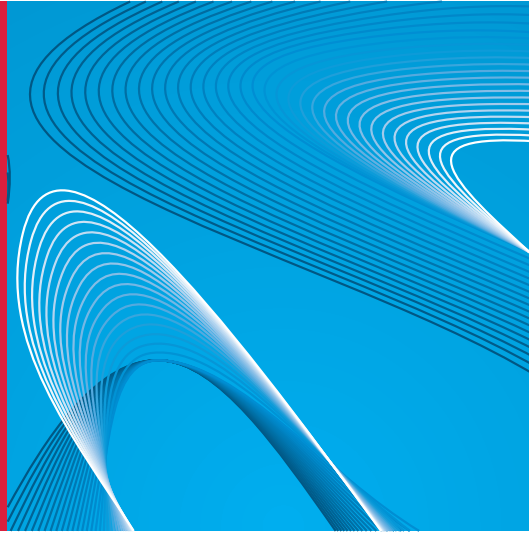


**SCHILLER**  
The Art of Diagnostics

# CARDIOVIT CS-300

The SCHILLER high-end stress test solution features:

- ✦ Wireless ECG acquisition
- ✦ Customisable analysis options
- ✦ Extensive connectivity and enhanced cybersecurity



Built-in printer with 300-page paper capacity and integrated paper holder

## DESIGNED FOR BUSY HOSPITALS

CARDIOVIT CS-300 offers:

- ✦ Maximum hygiene thanks to easy-to-clean touch screen and disinfectable, waterproof keyboard
- ✦ Optimal workflow efficiency thanks to a high-quality acquisition module, highly sensitive touch screen, dedicated quick-access buttons, integrated thermal printer and automatic data transfer to the hospital system
- ✦ Accurate ECG acquisition combined with automated resting ECG interpretation using SCHILLER's ETM and ETM Sport algorithms

## EXTENSIVE CONNECTIVITY

Bidirectional communication with the HIS and seamless integration of clinical data into your electronic patient record:

- ✦ **DATA SECURITY :** With role-based user access to CARDIOVIT CS-300, access to patient data is strictly controlled, and all data transmissions are encrypted using TLS 1.3.
- ✦ **DATA ACCURACY:** Advanced features such as PDQ (Patient Demographic Query), DICOM Worklist, and HL7 or GDT Orders ensure the accuracy of
- ✦ **DATA TRANSFER :** Fast end-to-end sync of data between CARDIOVIT CS-300 and third-party systems. Data is exported automatically as soon as captured, without user intervention.

## ENHANCED CYBERSECURITY

- ✦ Data is encrypted both during transmission and at rest
- ✦ Security-hardened Linux kernel to minimise the risk in case of cyberattacks
- ✦ Configurable access control with username, password, and privileges to prevent unauthorised access
- ✦ Wi-Fi protocols, including certificate-based authentication, to ensure secure access to the hospital IT infrastructure



## CHOICE OF ECG ACQUISITION METHOD

The ECG signal is acquired with a standard patient cable or optionally through wireless acquisition module MS-12 BT

- ❖ The 12-lead acquisition module MS-12 BT is connected via Bluetooth. Use the on-screen signal view and hook-up advisor to prepare your patient in a separate room for even higher efficiency. The MS-12 BT can be selected with CARDIOVIT CS-300 right before the stress test. The wireless charging station simplifies recharging and AAA batteries provide even more flexibility.



12-lead acquisition module MS-12 BT

- ❖ The standard patient cable is available with 10 wires for 12-lead acquisition. Optionally, a 14-wire cable can be used for a 16-lead ECG.



12-or 16-lead patient cable

# HIGH-END ANALYSIS FEATURES

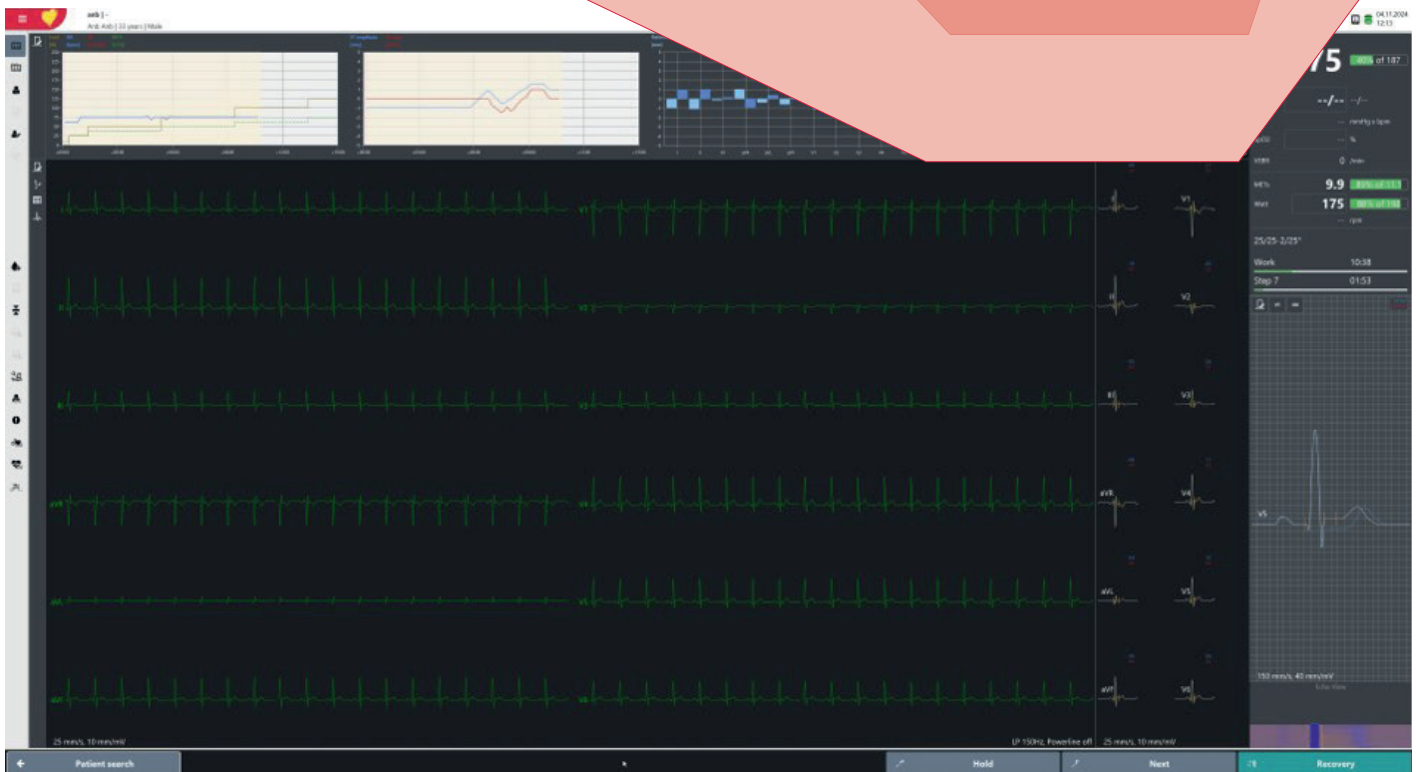
## CONFIGURE YOUR ECG DEVICE ACCORDING TO YOUR NEEDS

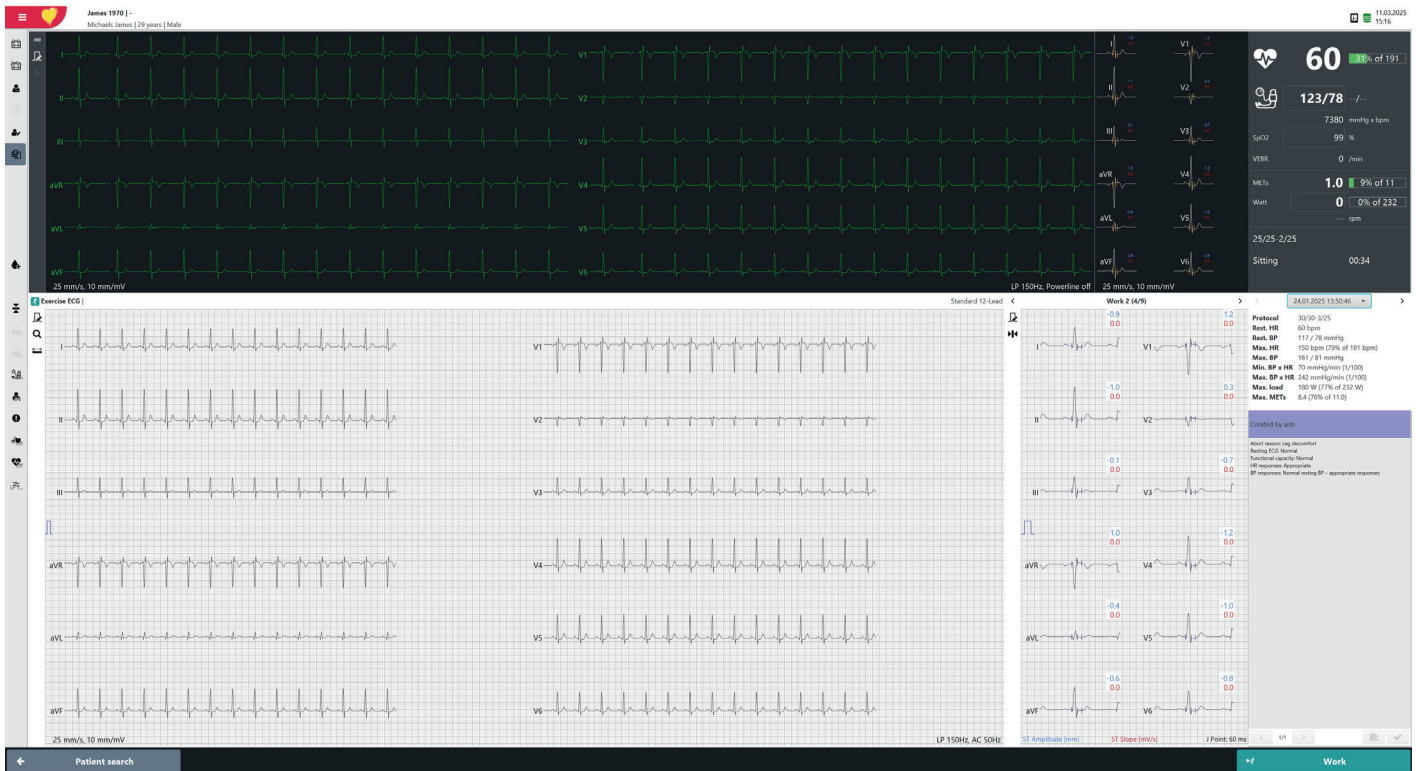
CARDIOVIT CS-300 supports Resting ECG, Resting Rhythm (up to 60 minutes), ECG Framer (10-second Resting ECG derived from Resting Rhythm), Exercise ECG, and Pharmacological Stress Test.

Additional software features can be switched on or off as required in the product settings:

### ADVANCED ARRHYTHMIA DETECTION

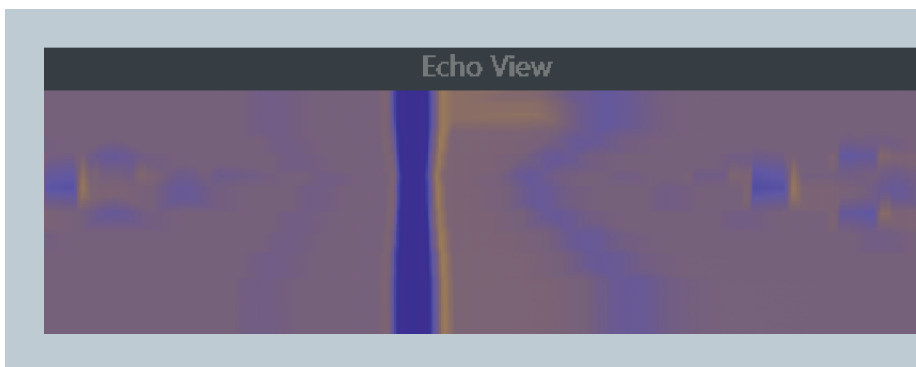
Providing real-time updates on ventricular extrasystoles. Each detected extrasystole is marked with a timestamp. This allows precise tracking and accurate detection for better outcomes.





## TEST COMPARISON

Compare real-time waveforms with a previous test. Choose the corresponding stage in the previous test by scrolling through the review. Changes can be identified immediately.



## ECHOVIEW

Colour-coded representation of the QRS complex for an enhanced visualisation. Changes in the ST segment and QT intervals can

## SIGNAL-AVERAGED ECG (SAECG, OPTION)

SAECG is a diagnostic tool that helps detect hidden cardiac risks by analysing late ventricular potentials in the ECG, allowing early intervention and better patient outcomes.

## VECTOR ECG (OPTION)

Vector ECG gives a 3-dimensional view of the heart's electrical activity for better localisation of cardiac abnormalities and advanced diagnostic insight.

## ETM WITH ETM SPORT (OPTION)

The automated ECG interpretation module designed for athletes: SCHILLER's ETM Sport, when used in sport aptitude tests, reduces the number of false-positive results while the sensitivity to detect heart disease remains unchanged.

# MEETING THE HIGHEST HOSPITAL REQUIREMENTS

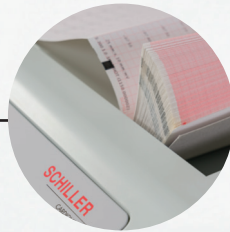
## ACQUIRE BLOOD PRESSURE AND SPO2 VALUES

BP-200 plus (option) for blood pressure and optional SpO2 measurements during the stress test



## INTEGRATED HIGH-VOLUME PRINTER

CARDIOVIT CS-300 allows fast, on-the-spot printouts. A 300-page paper capacity ensures uninterrupted workflow and reduces the need for frequent paper refills.



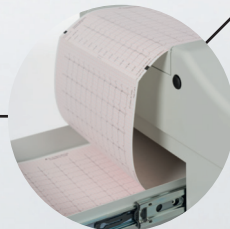
## DEDICATED QUICK-ACCESS BUTTONS

Use the dedicated quick-access buttons to get directly to the desired application.



## INTEGRATED PAPER HOLDER

The integrated paper holder keeps printed paper neatly organised and accessible.



## ROBUST AND EASY TO MANOEUVRE TROLLEY

Easy-glide wheels to smoothly manoeuvre the trolley.





### LARGE, BRIGHT AND CLEAR TOUCH SCREEN

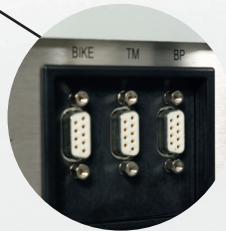
The 27" 4K touch screen not only allows for a detailed, accurate view at a glance but also features a sensitive and highly reactive touch interface that operates seamlessly even with gloves on.



### WIRELESS ECG ACQUISITION (OPTIONAL)

Wireless ECG acquisition module with on-screen signal view and hook-up advisor:

- ❖ 5 m Bluetooth range for maximum patient flexibility, easy handling of the electrode cables
- ❖ 12-lead acquisition
- ❖ Wireless charging station (option), plus AAA-battery-run

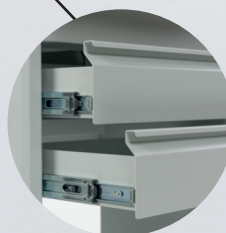


### CONNECT MULTIPLE EXTERNAL DEVICES

Three dedicated serial ports integrated for simultaneous connection of ergometer, treadmill and automatic blood pressure measurement device.

### DESIGNED FOR THE BUSY HOSPITAL

Touch screen and keyboard are designed to allow fast and easy cleaning and disinfection. This ensures high hygiene, safety, and efficiency.



### SOFT-CLOSING DRAWERS

Equipped with two soft-closing drawers to store and transport medical items

**SCHILLER**



## About SCHILLER

SCHILLER A. G., a company based in Switzerland, was founded by Alfred Schiller in 1974. Over the last 50 years, it has evolved into a successful Global Group with 31 subsidiaries and dealers across 30 countries. Today, SCHILLER is a world-leading manufacturer and supplier of devices for cardiopulmonary diagnostics, defibrillation and patient monitoring as well as software solutions for the medical industry.

Schiller in India was founded as a joint venture in 1997, and since then has established itself as a leader in the medical technology sector. With 450+ employees, a state-of-the-art ISO 13485-certified production centre in Puducherry, multiple R&D centres, and 17 offices across India; Schiller makes advanced healthcare equipment accessible through a network of 100 sales and service dealers across more than 45 locations. Our product range includes Critical Care, Anaesthesia, Emergency Care, Cardiology, Respiratory Diagnostics, Radiology, and Robotics.

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**SCHILLER**  
The Art of Diagnostics



Swiss H.Q.: SCHILLER AG, Altgasse 68, P. O. Box 1052, CH -6341 Baar, Switzerland

Indian H.O.: Schiller Healthcare India Pvt. Ltd., Advance House, Makwana Road, Andheri (East), Mumbai-59. Tel.: + 91 - 22 - 61523333

 No. 15/5 & 15/6, Vazhuthavur Road, Kurumbapet, Puducherry - 605 009, India

Regional Offices: Mumbai: 022-61523333 Email: sales.west@schillerindia.com Delhi: 011-41062067 / 09312432205 Email: sales.north@schillerindia.com Kolkata: 033-23593102 / 033-23593103 Email: sales.east@schillerindia.com Chennai: 044-28232648 / 044-28311021 Email: sales.south@schillerindia.com Ahmedabad: 079- 35337949 / 079- 35337950 Email: sales.west@schillerindia.com Puducherry: 0413- 220 2680 / 0413- 229 2940 Email: sales.south@schillerindia.com

CIN : U33110MH1997PTC111307

 sales@schillerindia.com, help@schillerindia.com  www.schillerindia.com  1800 209 8998

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