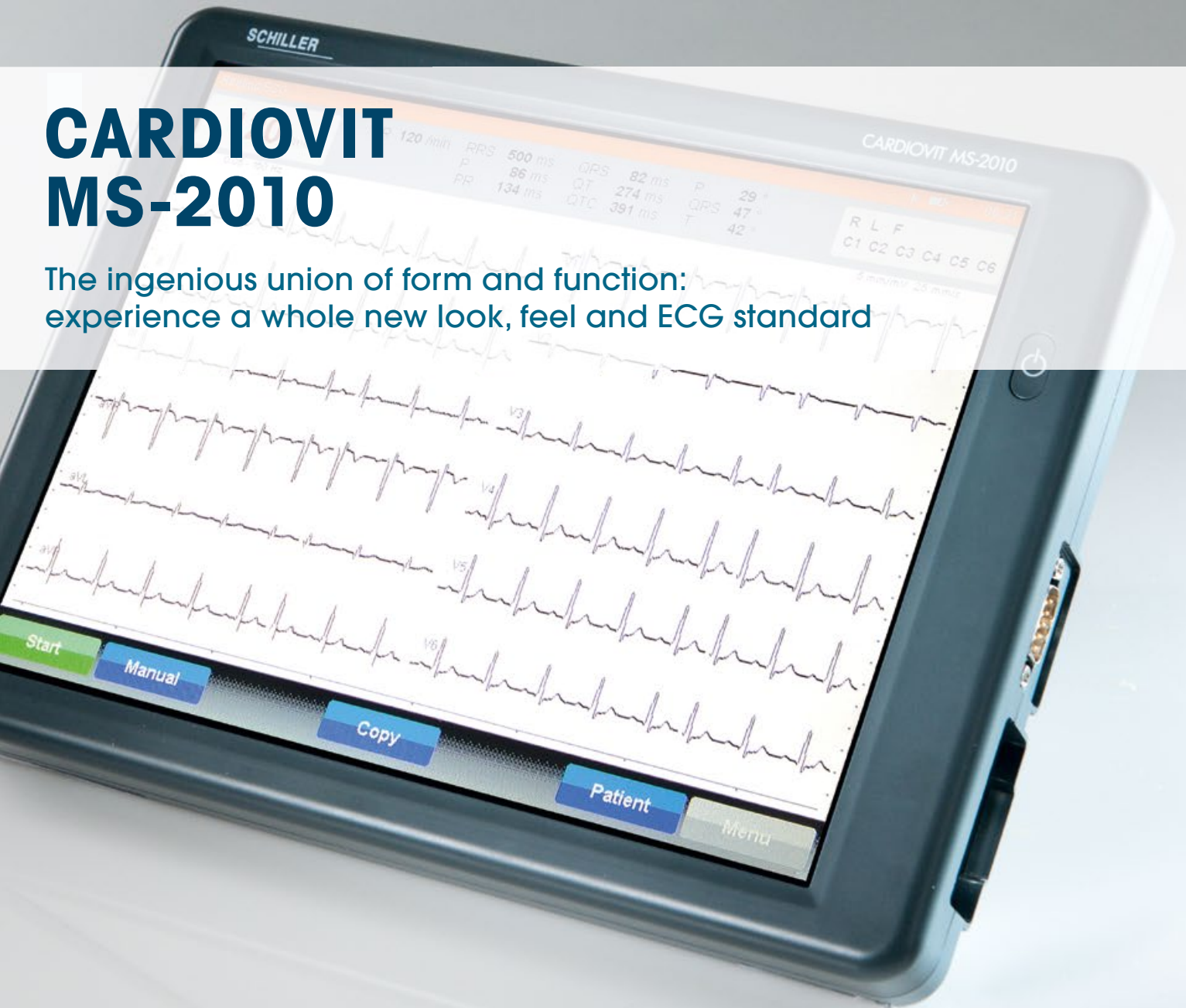


# CARDIOVIT MS-2010

The ingenious union of form and function:  
experience a whole new look, feel and ECG standard



# CARDIOVIT MS-2010

SCHILLER's MS-2010 unites precision and performance with sophisticated ergonomics. It is intended for large volumes of work where ECG volume is high and speed and quality are paramount.

Simply touch the large (10.4-inch) high-resolution colour display and you are in business – recording, selecting and printing the highest quality ECGs and spirometry data. Since the MS-2010 exports recordings in several standard formats<sup>1</sup>, you can communicate bidirectionally with third party systems. From accurate and complete data entries to comprehensive data fields that prompt users to collect the required information, every detail of the MS-2010 is designed to streamline ECG testing.



## ADVANCED PROCESSING, NO WAITING

- ❖ Instant power-up provides immediate availability
- ❖ ECG processed, interpreted and printed in less than 3 seconds after acquisition

## FAST ENTRY

Enter patient data quickly and accurately using the touch screen or by scanning a bar code. You can also download patient data and worklist requests from SEMA or HIS by means of standard formats like HL-7 or DICOM Modality Worklist<sup>1</sup>.

## CLINICAL EXCELLENCE

**SCHILLER interpretation software "C" for adult and paediatric patients** – one of the best documented algorithms for simultaneous ECG analysis of 12 leads, offering quality and reliability without compromise. Your most valuable tool to get a clinically reliable second opinion.

### Early detection of STEMI –

SCHILLER in cooperation with Professor Hein J. Wellens, MD, has developed the Culprit Coronary Artery Algorithm (CCAA) for immediate and accurate localization of coronary occlusions with early detection of STEMI. Our algorithm is not

only able to shorten the time until the patient receives proper medical attention. It is also the only algorithm that gives the exact location of the occlusion site in the coronary artery, indicating the size of the area at risk!

## ONE-TOUCH WORKFLOW

The MS-2010 can be configured to automatically print, save, transfer, and retrieve a previous ECG – at the touch of one button.

Connectivity:

- ❖ via LAN, WLAN or GPRS to SEMA or HIS.
- ❖ PDF export of resting ECG reports

Automated workflow:

- ❖ Acquire, print, save, transfer and retrieve diagnostic ECGs to and from SEMA or HIS – all automatically
- ❖ Support for HL-7 worklists or DICOM Modality worklists<sup>1</sup>

<sup>1</sup> DICOM and HL-7 interfaces for import and export are available as part of the SCHILLER Server.

10.4-inch full colour touch display with real time graphs

Full spirometry measurements (FVC, SVC, MVV, Pre/Post)

Includes new standards and predictions according to the latest ATS/ERS guidelines

Selectable predicted values and automated interpretation (ATS/ERS) with automated quality control



### SPIROVIT SP-250 OR SP-260

Spirometry testing requires maximum accuracy and hygiene. SCHILLER's SP-250 or SP-260 is the answer to both

requirements. Each sensor is factory calibrated with a computerised system and packaged individually in a clean room. 100% hygiene guaranteed!



## WIRELESS WITH THE HIGHEST PATIENT PRIVACY

The MS-2010 offers you safe wireless connections via standard WLAN protocols such as 802.11 g, WPA, WPA II or WEP. WLAN communication is also available with invisible SSID.

SCHILLER devices support DHCP or static IP to protect your patient's privacy. Even if all safety measures should fail during data transmission, the patient data cannot be read because it is encrypted as SSH.

## SPIROMETRY MADE EASY WITH ONE UNIQUE TOUCH

The MS-2010 is the next generation of desktop spirometry developed for complete testing (SVC/FVC and MVV). A large colour touch screen and a built-in thermal printer allow you to perform tests without a computer. The MS-2010 is available with two types of flowmeter.

- ❖ The SPIROVIT SP-250 (disposable) requires no volume calibration, no cleaning, and has no risk of cross contamination due to its unique sensor technology.
- ❖ The SPIROVIT SP-260 (reusable) requires calibration and is very easy to clean.

Our SPIROVIT sensors are accurate and provide reproducible measurements as certified by the ATS (American Thoracic Society) and ERS (European

Respiratory Society), the internationally recognised bodies for spirometry performance.

The easy-to-use and highly reliable MS-2010 combining spirometry and ECG is the essential tool for today's healthcare professional.

The following programs are available:

- ❖ Slow spirometry (SVC): VCin, VCex, VCmax, ERV, IC, VT, IRV, MV, BF, TI, TE, etc.
- ❖ Forced spirometry (FVC): FVCin, FVC, FEV1, FEV6, PEF, FEV1/FVC, FEF50, FEF75, PIF, etc., flow-volume loop and volume-time loop
- ❖ Maximum voluntary ventilation (MVV)
- ❖ Interpretation programs