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# CARDIOVIT AT-102

The high-performance, multifunctional ECG wizard that meets highest demands and offers excellent value for money



# CARDIOVIT AT-102

The CARDIOVIT AT-102 is an excellent, multifunctional 12-lead ECG wizard to record and automatically analyse resting ECG and exercise ECG. The familiar user interface and intuitive operation allow for higher productivity and efficiency - while offering great value for money.



## PERFECT 12-LEAD ECG

The CARDIOVIT AT-102 is an expandable resting ECG system which is particularly suitable for routine use in the practice, clinic or in emergency medicine due to its intuitive and easy operation with direct function keys. By means of optional software, the system can very easily be upgraded to an ergometry measuring station. Moreover, the CARDIOVIT AT-102 can be integrated in a hospital information system (HIS) from which the worklist of planned ECG recordings can be downloaded to the CARDIOVIT AT-102. Mobile operation is ensured by the integrated accumulator anytime and anywhere.

The integrated high resolution A4 real time printer guarantees long-term storing of ECG recordings in archive quality; thanks to the automatic paper feed, printing is now even easier. Fiddling with thermal paper is a thing of the past.

On the CARDIOVIT AT-102's brilliant graphic display, all 12 ECG leads can be displayed in freely selectable sequences of 3, 6 or 12 curves. Furthermore, an external LCD screen can be connected to the CARDIOVIT AT-102 (optional).

SCHILLER measurement and interpretation software is the software of choice for hospitals, practices, clinics and clinical research institutes due to its excellent quality and reliability.

### • SCHILLER measurement and interpretation software for children and adults:

12 lead ECG analysis, offering quality and reliability without having to make compromises. Your most valuable tool to get a clinically reliable second opinion.

### • SCHILLER thrombolysis software (SCHILLER STP):

Helps physicians make decisions in preclinical care and in the emergency ward. Taking into account medication, age, sex and ECG of a patient, the program gives indications about the probability of acute cardiac ischemia or acute coronary syndrome (ACS). The SCHILLER STP software package is an additional option to the computer-based interpretation software.

With the CARDIOVIT AT-102, all ergometry functions can be controlled, including bike ergometers with or without blood pressure recording, and treadmills. Standard exercise protocols are incorporated and can be changed or amended individually as required.

### • SCHILLER exercise ECG:

- 12-channel ST measurement
- Possibility to configure stage or final printouts.
- Fully automatic ergometry - intervention possible anytime



## CONNECTIVITY

The optional SCHILLER Communication Module (SCM) connects the AT-102 with the SEMA Data Management System from SCHILLER, for an optimized workflow and more functionality. The module enables the bi-directional communication not only with SEMA, but also with Hospital Information Systems (HIS) and Electronic Medical Record (EMR) Systems, via LAN.

Patient demographics can be retrieved conveniently and quickly, thus minimizing the probability of data entry errors. The optional barcode reader further increases efficiency through the automated entry of patient identifiers.

The worklist function, a list of orders, complete with patient demographics, can be downloaded directly to the device. This automates the ECG acquisition process, and provides a traceable closed-loop workflow from order entry to billing.

The transmission of recordings to the SEMA data management system enables the long term archiving of your data, with easy to use search and editing tools to efficiently manage patients and recordings. Standard interfaces via HL7, GDT, and XML furthermore enable the SEMA system to become an integrated component in a larger systems solution, avoiding isolated information silos.



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