

CARDIOVIT AT-170

Robust design and high performance



SCHILLER
The Art of Diagnostics

CARDIOVIT AT-170

SCHILLER's new high-end electrocardiograph AT-170 offers:

- Wide high-resolution touch screen for easy ECG review
- Full-size keyboard with a durable cover keeping dust, dirt and liquids away, making it highly hygienic
- ETM Sport, the first automated interpretation of athletes' ECGs based on the Seattle Criteria



PERFECT FOR HOSPITALS AND PRIVATE PRACTICES

The CARDIOVIT AT-170 offers a robust design for the busiest hospitals. With its fast touch screen operation, dedicated buttons for the most common functions as well as an integrated thermal printer, AT-170 fits perfectly in any emergency department. Thanks to a combination of applications, it is also the ideal multi-use workstation for private practices.

CONNECTED

The CARDIOVIT AT-170 optimises paperless workflow with complete ECG preview and seamless connectivity to EMR, PACS, HIS or SCHILLER's SEMA3 Cardiology Information System. Bidirectional communication allows for easy data access, while Wi-Fi with strong security enables direct and fast transmission.

ADVANCED CLINICAL TOOLS

The CARDIOVIT AT-170 delivers industry-leading diagnostic tools:

ETM: Comprehensive Algorithm for ECG interpretation, gender- and agespecific, and with additional right precordial lead measurements.

ETM Sport: The first automated ECG interpretation module designed for athletes, based on the Seattle Criteria.

SAECG: The analysis of signal-averaged ECG for ventricular arrhythmia identifies post-MI patients pre-disposed to sudden cardiac death.

16-LEAD ECG: While in the past ECG analysis programs were limited to 12 simultaneous leads, the AT-170 provides incremental diagnostic capabilities not associated with former versions. The 16-lead resting ECG analysis takes advantage of a right chest and back electrodes to provide extended results for adult chest pain. A 15-lead paediatric analysis is also supported. (The optional 16-lead resting ECG analysis is based on the most recent clinical research. Examples include the addition of "acute global ischemia" as well as the incorporation of updated

gender-specific STEMI criteria, as documented in the 2009 AHA/ACC/HRS recommendations)¹

PAEDIATRIC ECG: Very high sampling frequency leads to optimal signal quality in children.

VECTOR 3D ECG: Offering a 3-dimensional view of the cardiac electrical activity, and a complete diagnosis of frontal and posterior walls.

HYPERQ™ RESTING: Provides a fast, non-invasive and accurate diagnosis of acute cardiac syndrome in STEMI, NSTEMI and unstable angina patients, based on high frequency QRS signal analysis.

EXERCISE ECG: Advanced exercise program with great flexibility in protocol definition and report layout. The software provides continuous ST information, along with target and current HR. With the seamless integration of BP-200plus, blood pressure and SpO₂ are automatically recorded. Full-disclosure data enables review and re-analysis of every beat and arrhythmia for enhanced clinical confidence.

¹ AHA/ACC/HRS Recommendations for the Standardization and Interpretation of the Electrocardiogram, Part VI: Acute Ischemia/Infarction. Circulation 2009; 100:e262-e270



Print the complete 12-lead resting ECG and resting rhythm

Enter data by typing on the real keyboard with a durable cover, or choose the optional barcode scanner. This durable cover is for keeping dust, dirt, and liquids out of your keyboard. It is washable, easy to apply and remove for cleaning or disinfection.

See and touch: 19-inch responsive and high-resolution multi-touch screen. What you need quickly and clearly: lead quality as well as complete and print-ready ECG and interpretation.

Connect via LAN or Wi-Fi.

Organize and safeguard hospital assets and personal items with an adjustable bin.

Manoeuvre smoothly and comfortably with easy-glide wheels and a handle positioned at just the right height.



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