The 12-Lead Resting ECG with the optimal workflow -
Fast, precise and easy to use - To an added value for patient and physician

- Wireless ECG transmission via Bluetooth
- Automatic recording of resting and rhythm ECG
- ECG interpretation by the Hannover ECG Program HES®

ECG Acquisition Devices
You have the choice between USB connection and the wireless Bluetooth transmission. Bluetooth allows for maximum mobility, useful for instance in longer rhythm recordings.

Comfortable User Guidance by One-Key-Operation
No longer think about the next needed operation. AMEDTEC ECGpro leads you through the stress test. The orange button with the green arrow always executes the next workflow step.

ECG Quality Indicator
The bar chart shows the quality of each electrodes application in green-to-red color gradients. Simultaneously you can observe the ECG. In case of a faulty ECG, you can immediately identify the deficient electrodes with the help of the graphic. In addition, you can also use the traditional impedance measurement.

Examination Programs
AMEDTEC ECGpro comes with programs suitable for nearly all ECG examinations. If, however, none of the preset programs should fit your needs, you can easily create your own. Each program can be started by a single click on the corresponding button, which AMEDTEC ECGpro creates automatically, and which you can label freely by yourself.

Fully Automated and Manual Procedures
In the automatic mode, the ECG acquisition automatically is stopped after 10 seconds, and the ECG is displayed together with the averaged beat, all measurement values and the interpretation proposal on one single screen. For rhythm examinations, you can preset longer automatic recording times up to 10 minutes, and in the manual mode recordings up to 10 hours are possible. If required, saving and printing can be preformed in one single step.

Freeze and Scroll Back
Also in rhythm recordings, all 12 channels of the ECG are saved full-disclosure. Already during the examination, you can freeze the display, scroll back and review the complete ECG recorded up to this time, and print or mark ECG sections. During the main screen is paused, the life ECG is still displayed on the bottom of the screen.
Averaged Beat
AMEDTEC ECGpro displays the averaged beat of up to all 12 leads and marks the wave points. To correct those points, just move them to the right position by using the mouse. The new measurement values are taken over into the report by a single click. Since the original wave points remain saved as well, the changes can be returned to the original state anytime. The superposition mode, the vector loop, and amplitude and time measurement tools complete the variety of presentational and diagnostic means.

Automatic ECG Interpretation
AMEDTEC ECGpro uses the Hannover ECG Program HES®. This analysis program took part in all CSE tests (Common Standard of Electrocardiography) and has been validated by independent test centers. The Hannover ECG Program HES® automatically measures the ECG and creates a diagnosis proposal.

Comparing Recordings
The current recording of patient ECG can be compared to all other ECGs taken. You may open more comparison ECGs for the same patient at a time.

Measurement Table
AMEDTEC ECGpro provides you with all measurement values at a glance. The measurement table shows the values for P, QRS and T for all 12 leads.

Report
The final report is written as free text, or by just inserting predefined, configurable text blocks. You can keep the diagnosis proposal provided by the Hannover ECG Program HES®, or you can change it. A confirmation note ensures that the report may only be altered by yourself.

AMEDTEC ECGpro Online (Optional)
The recorded ECG is transmitted online via the network directly to your PC. So you can monitor the examination from your desk and communicate with your staff in the examination room via the integrated messaging system.
The central Data Management System coordinates and stores all patient data and recordings by using a Microsoft SQL Server Database. The information, coming from all of the AMEDTEC ECGpro modules, so those of the 12-Lead Resting ECG, are gathered in the database.

AMEDTEC ECGpro works locally or in a network. Fully networked, you can open, edit and print recordings stored in the central database on each client.

AMEDTEC ECGpro synchronises automatically local databases with the central server database. Thereby you can go on working even if the network is broken down. This is highly important for WLAN networks.

AMEDTEC ECGpro offers the BDT/GDT interface to practice computer systems for the exchange of patient data and test results.

You can start ECG recordings directly from the practice computer system.

AMEDTEC ECGpro supports the HL7 protocol to exchange information. The configurable messaging system offers highest flexibility for the communication with the Hospital Information System.

**System requirements**
- Intel compatible processor 1 GHz
- 512 MB RAM
- 40 GB hard disc
- CD or DVD drive
- USB 2.0 port
- Screen resolution 1280 x 1024