

# AMEDTEC *ECG<sub>pro</sub>*<sup>®</sup>



## Holter ECG

Precise in function diagnosis - Easy to use

Made in Germany - Made for Europe

The complete Holter ECG system with the optimal workflow -  
Fast, precise and easy to use – To an added value for patient and physician

- **Diagnosis and report printed or available in the network in less than 4 minutes**
- **Fast import of the recording in less than 60 seconds under simultaneous visual check of the ECG**
- **Optimal workflow due to the customizable task bar**

### Flexible, individual workflow

The AMEDTEC *ECGpro* Holter system is the intelligent tool in a physician's hands for clarifying cardiac arrhythmia and risks. Depending on the task, the system's workflow is either adapted to the requirements of the analysis, or to the individual procedures of the operator.

### Visually checked in 60 seconds; printed in just 4 minutes

The ECG can be checked already during it is read in. This takes less than 60 seconds for the 24-hour ECG. In case of an ECG free of artifacts, a report with a manually or automatically generated conclusion can already be created at this time. The important ECG strips, graphs and tables are logically put together in the report and comply with highest standards. In less than 4 minutes, the 24-hour ECG is analysed, diagnosed, and printed or stored in the HIS/practice network!

### Precise and clear presentation

AMEDTEC *ECGpro* Holter makes no compromises in the presentation of the ECG curves. From every graph and table you have direct access to the synchronous ECG. The whole ECG is shown in the typical speeds up to 50mm/s. Ventricular and supraventricular events as well as paced beats are color-highlighted.

### Easy editing; reanalysis without time need

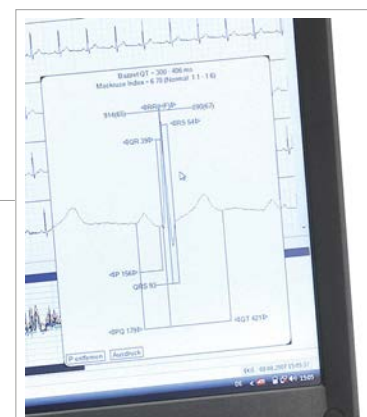
AMEDTEC *ECGpro* Holter offers you logical and easy editing possibilities. Detected beat types can be checked and reclassified quickly in the Template views and the hourly results table. The ECG is reanalysed, and all tables and graphs are updated instantaneously.

No compromises in the quality of the ECG representation; whether in the ECG strip or in the extremely zoomed display of the measured QRS complex.



The task bar is individually customizable and makes the operator guidance easy.

Unique for Holter ECG system: The large, zoomed representation of the QRS complex with all its measurement values!



High-quality representation of recognized predictive parameters like HFV and QT

The heart rate variability is represented tabular with all of its important parameters (SDNN, SDNN index, SDANN index, rMSSD, pNN50) and graphically in the RR trend and the Lorentz plot. You get a clear information about the cardiac spontaneous variance. The graphical day/night comparison makes the prediction easier. Furthermore, you get beat-to-beat information about the QT time as another risk marker. QT, QTc, QT moda, SDQT, as well as 24-hour graphs aid you in your analysis. Particularly informative is the QT-over-RR view.

High-grade ischemia analysis

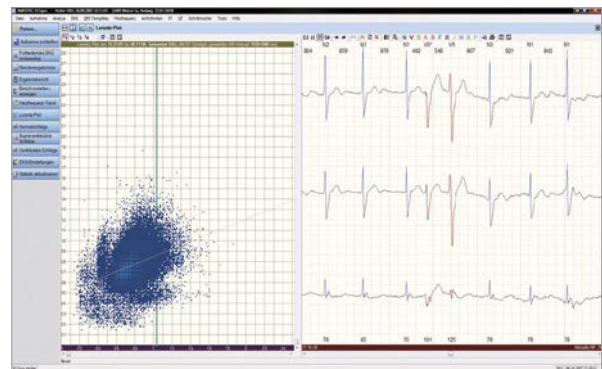
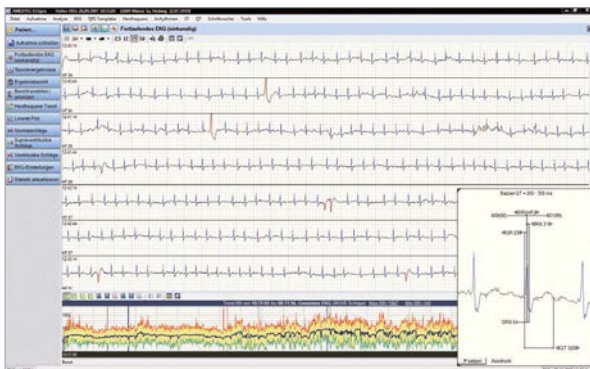
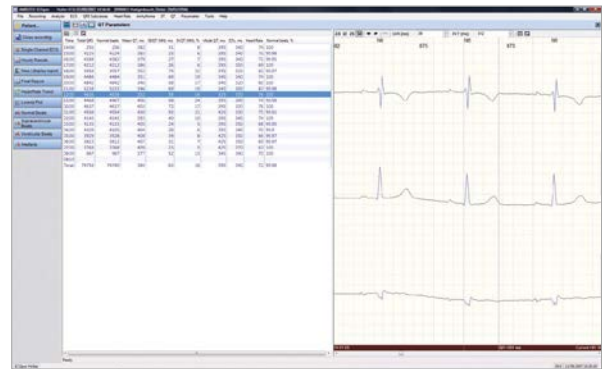
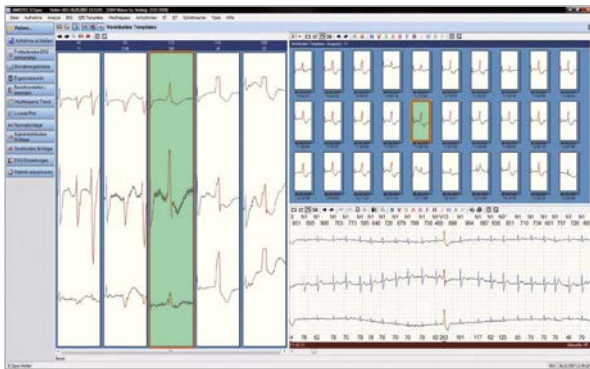
AMEDTEC *ECGpro* Holter automatically detects ST events. The quality of the ST analysis is equivalent to that of a resting or stress test ECG.

Fast and precise diagnostics of intermittent atrial arrhythmia

The interaction between Lorentz plot and chronological synchronous, classified ECG forms an outstanding instrument for arrhythmia diagnostics, especially for intermittent atrial arrhythmia.

Intelligent pacemaker analysis

Pacer spikes are marked in the ECG. This supports your visual analysis particularly in case of bipolar pacemakers. Meaningful graphs complete the pacemaker analysis.



Report

A wide selection of various ECG reports, trends, and graphs is available. The user has the flexibility to generate whatever documents are required.

## AMEDTEC ECGpro Data Management

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 Holter ECG, are gathered in the database.

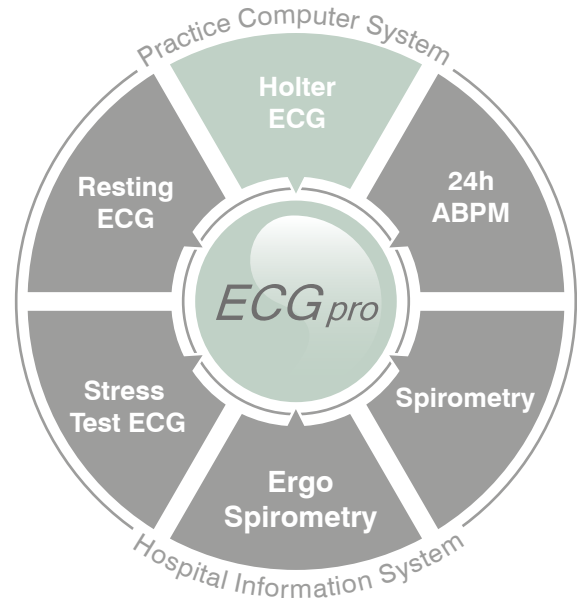
AMEDTEC ECGpro works locally or in a network. Fully networked, you can open, edit and print recordings stored in the central database on each client.

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

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DIN EN ISO 13485:2007