

EC Sense Long ECG Option

12-lead Rest ECG



CARDIOLEX

EASY TO USE ECG

EC Sense Long ECG Option

Streamline
your digital
workflow!

12-lead Rest ECG

EC Sense option Long ECG (Catalogue no: CN SO-6)

Cardiolex' EC Sense Long ECG is an option to EC Sense and EC View. The option is an extended version of Long ECG Basic. With the Long ECG option, it is possible to take longer ECG recordings up to one hour, digitally selecting important time stamps and entering values for different parameters.

The system is designed to be easy to use and consistently provide high quality registrations. The patient can be monitored safely and clearly during the examination. The entire examination is stored for finishing and creating a final report.

BENEFITS WITH EC SENSE LONG ECG OPTION



EASY TO USE



EASY
WORKFLOW



HIGH SIGNAL
QUALITY



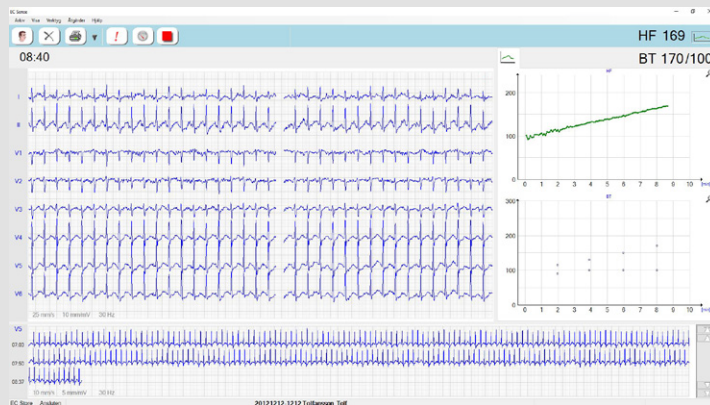
ADD ON
OPTIONS



FLEXIBLE
REPORTS



FAILSAFE
WORKFLOW



EASY TO USE

EC Sense is characterized by its simple and intuitive use, which eliminates the risks for improper use. It is quick to get started with a Long ECG test, enter patient data manually or select a patient from a worklist (optional) or a patient list and initiate the examination. The option enables simultaneous monitoring of Real-time ECG and Longer rhythm supervision without having to print the registration on paper. This feature is thus especially suitable for esophagus ECG, tilt tables or other examinations where a recording without interruptions and the possibility to digitally mark important events are required.

When the test is complete, the report can be printed, stored locally or in EC Store for further analysis, with all ECG data and values and markings made. After-treatment can be done with this option, both together with EC Sense and EC View.



EASY WORKFLOW

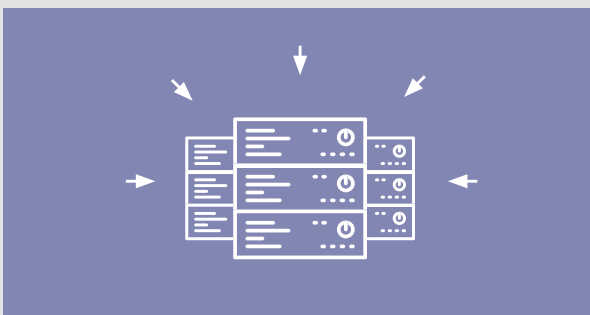
Enter patient data manually, from worklist or via national registrations. One click on the record button and the registration starts. It is easy to use the functions, mark events in the ECG recording by simply pushing a button. Blood pressure values and custom parameters can be added and followed up. When the registration is complete all ECG data is saved.



VARIOUS ADD ON EXAMINATION OPTIONS

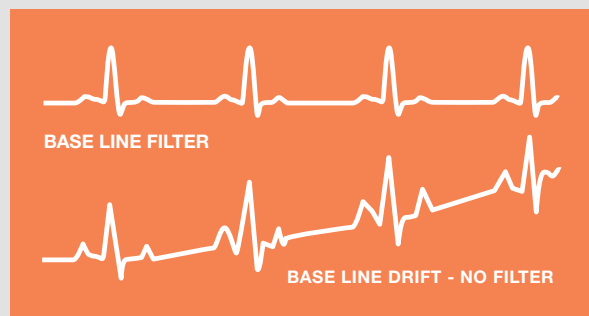
It is easy to add options to further increase the fields of application and gain more in depth examination functionalities. The chosen add on options are added to the EC Sense system without the need for any hardware or software upgrade, and the new function is available immediately.

- Caliper (extended measurement)
- Communication (for storage)



CONTINUOUS SAVING FOR FAILSAFE WORKFLOW

All data is saved every five seconds, if anything goes wrong and the record is disrupted, the examination can be recreated.



HIGH SIGNAL QUALITY

A high quality, non-destructive base line filter effectively removes baseline drift with minimal impact on the ECG signal. Additionally, 50 Hz disturbances are effectively filtered out without affecting the ECG signal. Both measures enables a high ECG registrations quality.

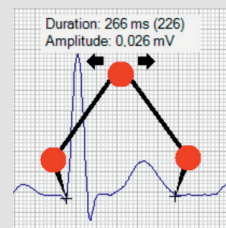


POST PROCESSING

When the test is complete, the Long ECG can be viewed in full or be printed, stored locally or in EC Store for further analysis, with all ECG data and values and markings made. Parts of the ECG can be selected for the final report and irrelevant parts can be removed. Creating the final report is easily done in EC Sense, but the recording can also be sent to the EC Store in full disclosure and viewed in EC View for editing just as in EC Sense.

It is easy to use the functionality in the ECG report to further analyze the data, some examples are:

- The entire registration is shown in one lead or in more depth by showing all twelve.
- Data inputs and heart frequency are displayed as trends.
- A time anchor can be set to synchronize display curve data and trends at the same time stamp.
- Viewing and printing can be done at up to 200 mm/s and 40 mm/mV for a more detailed view.
- Measurements of amplitude and duration in the ECG are done with a simple digital caliper function. (There is also an option for extended measurements, EC Sense Caliper, CN SO-4.)





CARDIOLEX

EASY TO USE ECG

Cardiolex Medical AB develops and markets easy to use systems for ECG.

Our ECG management system and various ECG systems exist on 2/3 of Swedish hospitals, which means that the system has over 10 000 users in Sweden. We offer the complete solution within ECG, from the systems receiving the ECG signal from the patient to the ECG management systems, storing and managing generated data. Our products work for a wide range of users, from University hospitals to small clinics. Our focus is on creating ECG solutions that are user-friendly, reliable and secure.

Read more about our products on www.cardiolex.com.

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