HOLTER SYSTEMS

EC-2H | EC-3H | EC-12H, 1-2-3-12 CHANNEL ECG HOLTER SYSTEMS (BLUETOOTH)

EC- 2H

EC- 3H

EC- 12H

- ▷ FULL-DISCLOSURE AMBULATORY ECG RECORDS .
- ▷ 1, 2, 3 INDEPENDENT-, OR 12 CHANNELS .
- ▷ COMPACT SIZE, LIGHTWEIGHT .
- ▷ LCD DISPLAY .
- ▷ WIRELESS (BLUETOOTH) COMMUNICATION WITH PC .
- ▷ INDEPENDENT PACEMAKER CHANNEL AND ANALYSIS .
- ▷ PATIENT EVENT BUTTON .
- ▷ 3D ACCELEROMETER FOR MOVEMENT DETECTION .
- ▷ EFFECTIVE NOISE, MUSCLE AND BASELINE FILTERS .
- ▷ QUICK AND EFFECTIVE AUTOMATIC ANALYSIS .
- ▷ COLOR CODED GRAPHS AND TABLES .
- ▷ HR AND ST TRENDS .
- ▷ CALCULATES ST, QT, AF, HRV, HRT, MICROV-TWA .
- ▷ VARIOUS EDITING AND PRINTING FUNCTIONS .
- ▷ NETWORK AND WEB-BASED USAGE POSSIBLE .

Bluetooth · **USB** · **microSD** · **LCD DISPLAY**

With Labtech Holter ECG systems you can make 1, 2, 3 or 12 channel recordings depending on the recorder and patient cable type being used. The Cardiospy analysis software provides ECG records of excellent quality. The effective automatic evaluation and editing functions provide evaluations with nearly 100% precision in the shortest possible time. The program performs rhythm analysis, ST, QT, AF, time and frequency based HRV, and it calculates HRT and microV-TWA parameters as well. Our software is highly user-friendly: it offers a wide range of report editing and printing options, it is suitable for network usage, and provides a wide range of languages to choose from.

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FUNCTIONS OF DIFFERENT HOLTER SYSTEMS	EC-2H	EC-3H	EC-12H
ECG Channels	1, 2	1, 2, 3, Nehb, PM	1, 2, 3, 12, Nehb, Frank, PM
Make new record and read record to PC	✓	✓	✓
ECG Filtering	✓	✓	✓
QRS Detection	✓	✓	✓
HR and ST Graphs	✓	✓	✓
Arrhythmia Analysis (N,S,V)	✓	✓	✓
Full ECG Visualization	✓	✓	✓
Event Viewer	✓	✓	✓
Colour-coded event marking	✓	✓	✓
Detailed ECG Visualization	✓	✓	✓
Adjustable parameters for analysis	✓	✓	✓
Report Edition	✓	✓	✓
Archiving	✓	✓	✓
Printing	✓	✓	✓
Database	✓	✓	✓
Interfaces – GDT, DICOM, HL-7	✓	✓	✓
Editing Options:	✓	✓	✓
Measuring possibility on the ECG	✓	✓	✓
Insert and delete QRS	✓	✓	✓
Rename QRS	✓	✓	✓
Mark noisy intervals	✓	✓	✓
Delete single/group events	✓	✓	✓
Motion Detection	✓	✓	✓
QRS Template Classification	✓	✓	✓
QT Analysis	✓	✓	✓
HRV Time Domain	✓	✓	✓
HRV Frequency Domain		✓	✓
Pacemaker Analysis		✓	✓
Atrial Fibrillation Analysis		✓	✓
Vector cardiography		✓	✓
Microvolt T-wave alternans			✓
HR Turbulence Analysis			✓
Breathing Detection			✓

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