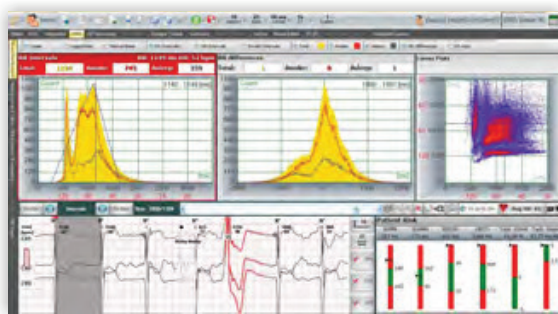


HOLTER SYSTEMS

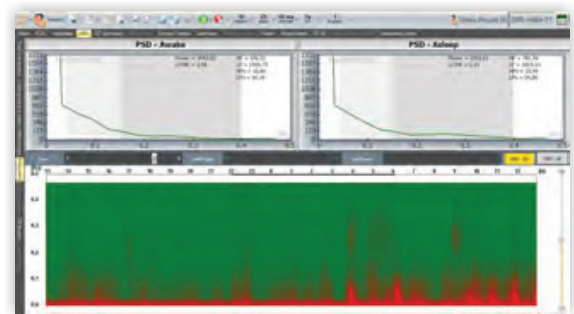
HOLTER SOFTWARE

- SIMPLE, USER FRIENDLY SOFTWARE WITH VARIOUS EDITING FUNCTIONS
- FAST RECORD ANALYSIS
- COLOUR CODED GRAPHS
- VARIOUS HOLTER REPORTS
- **DICOM, GDT, SCP, HL7** FORMATS
- LOCAL, NETWORK OPERATION
- EXPORT, IMPORT FUNCTIONS

- EFFECTIVE NOISE, MUSCLE AND BASELINE FILTERS
- PRECISE QRS CLASSIFICATION, HEART RATE ANALYSIS
- QRS TEMPLATE CLASSIFICATION (DEMIX AND WATERFALL)
- ARRHYTHMIA ANALYSES, ARRHYTHMIA OVERVIEW
- BUNDLE BRANCH BLOCK AND AV BLOCK DETECTION
- ST LEVEL AND SLOPE ANALYSIS
- **P-WAVE, PQ, QT** ANALYSIS
- HEART RATE VARIABILITY ANALYSIS (TIME AND FREQUENCY DOMAIN)
- HEART RATE TURBULENCE ANALYSIS
- **ATRIAL FIBRILLATION** AND FLUTTER ANALYSIS
- MICROVOLT **T-WAVE** ALTERNANT
- **PACEMAKER** ANALYSIS
- BP RECORD ANALYSIS USING MULTIPLE COMPUTED PARAMETERS AND GRAPHS
- OBSTRUCTIVE **APNEA** DETECTION



HRV TIME DIAGRAM



HRV FREQUENCY DIAGRAM



12 CHANNEL DISPLAY

Quick check before recording starts

As the recording starts, we can immediately check electrode-skin contact and the quality of ECG signals in the software.

ECG signal filtering to improve signal quality

Using an effective digital filtering technology, there is practically no baseline movement. The smoothing filter removes muscle and network noise components from the signals without distorting QRS complexes.

Saving time with automatic noise detection

There is no need to view or analyse the record more than once to exclude noisy channels or noisy sections from the analysis. The software automatically excludes the noisy sections, saving a significant amount of time.

Channel selective QRS detection to reduce the number of lost intervals

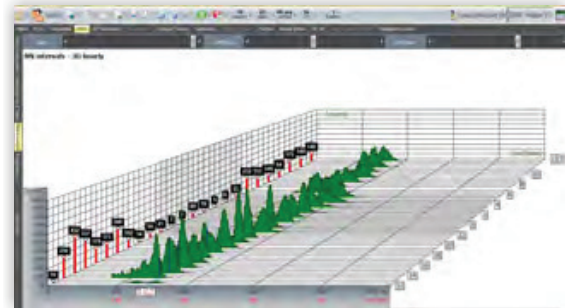
Due to channel selective QRS detection, the number of lost intervals will be reduced. In case of multichannel records the QRS detector can select one or more ECG channels for beat detection.

Effective template analysis for high precision in results

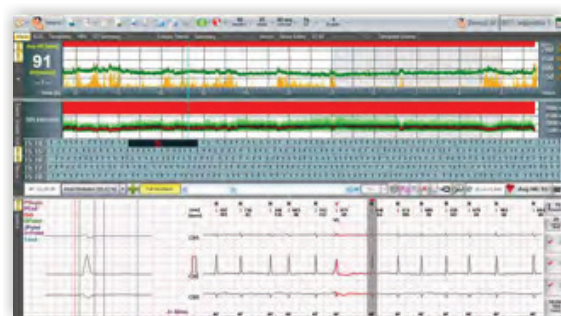
It allows a quick and effective way to check and, if need be, modify QRS types and form classifications. This solution enables a holter record to be evaluated in an average of 5-10 minutes.



TEMPLATE VIEW



NN INTERVALS- 3D



ATRIAL FIBRILLATION VIEW