



Windows Based ECG with Interpretation



Features:

- Auto Interpretation. (Optional)
- Easy connectivity with Laptop or Desktop PC.
- Simultaneous acquisition of 12 Leads.
- Automatic or manual measurements.
- Adjustable gain, sweep speed and filters.
- 2 times enlarged medians for all 12 Leads with calculation of ST parameters.
- Reconfigure Lead selection at any time during acquisition.
- Selectable Lead colors on screen and printouts.
- Unlimited storage depending on hard disc capacity.
- Option of storing 10 secs. or 60 secs. of data.
- Economical Printouts on a standard A4 paper with or without grid in user selectable colors.
- Telemedicine networking possible.

Advanced Review & Analysis:

- Manual measurements of duration/intervals and amplitudes on any ECG Lead, which can be expanded upto 4 times.
- Automatic measurement of:
 - Amplitude of all 12 leads.
 - Axis P, QRS and T with schematic.
 - Various intervals/durations PR, RR, QRS, QT & QTC.
- Measures ST level and ST slope as per user defined I, J & Post J points.
- Automatic interpretation (optional)
- Option of printing indication in Auto Interpretation.

Display Formats in Review, Analysis & Print :

Choice of Display formats available in Review & Analysis Mode:

Review:

- **Format 4x3** : All 12 Leads display of 3 seconds duration with one user selectable long Lead of 10 seconds duration. Any segment of 3 seconds can be selected for display of all the 12 Leads.
- **Format 6x2** : 12 Leads display of 5 seconds duration in 6x2 format. You can select the first 5 seconds or last 5 seconds duration for display.
- **12 Leads** : Display of 10 seconds duration for all 12 Leads.
- **6 Leads Frontal** : Display of 6 Frontal Leads i.e. I, II, III, avr, avl & avf.
- **6 Leads Precordial** : Display of 6 Precordial Leads from V1 to V6.
- **Format Measurement** : Display of any one Lead for manual measurement of durations and amplitudes.
- **Format Median** : Displays 2 times enlarged medians for 12 Leads along with measurements of ST level, ST slope and RR variability. User can define Isoelectric point, J and post J points
- **Format Reports** : Displays calculations of parameters such as amplitude, interval/duration and axis.

Analysis:

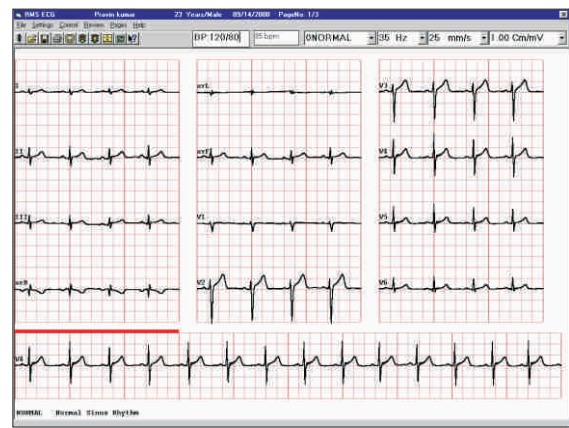
- 12 medians with enlarged median and parameters
- Interpretation results format.
- Variation of RR, PR, QRS width, QRS Axis and R amplitude.

Comprehensive Reports :

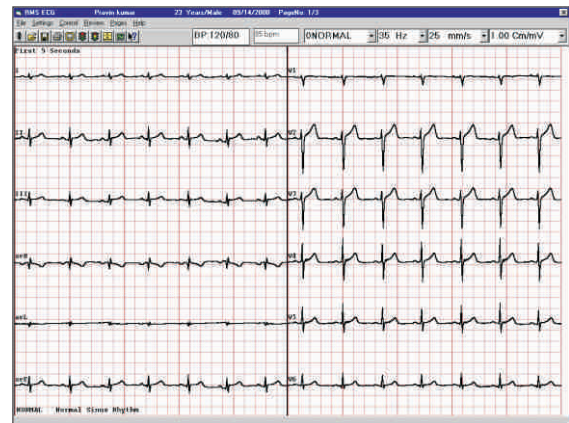
- Reports can be printed for all Display types of Review and Analysis. Screen dump can be taken at any time.

User Friendly Display :

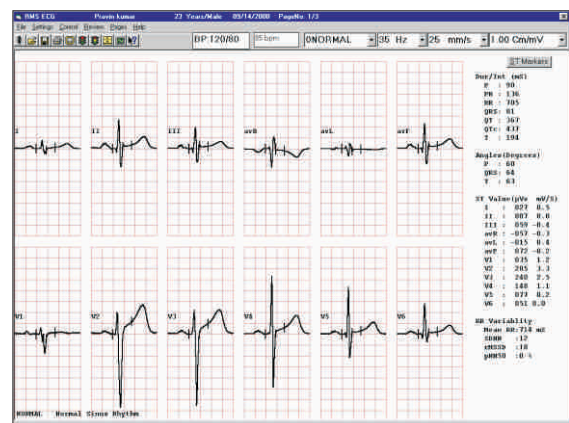
- High display resolution of upto 1280x1024.
- Real time 12 Lead ECG viewing Selectable ECG leads on Display.
- Selectable ECG leads on display.
- Display of Heart rate and Blood pressure.
- Display of 1mm grid on monitor helps analyse ECG just like viewing it on paper.
- Choice of different Display formats during acquisition.



Format 4x2



Format 6x2



Format Median

Technical Specifications

Frequency response	: 0.05 to 100 Hz
Sensitivity	: 0.25, 0.5, 1.0, 2.0, 4.0, 8.0 cm/mv
Sweep Speed	: 5, 10, 12.5, 25, 50, 100 mm/sec
Computer	: IBM compatible system with windows 95, 98 or XP loaded and minimum 32MB RAM.
Muscle tremor filter	: 20, 35 or 100 Hz
Amplifier	: Sampling frequency 500Hz. Dynamic range +/-30 mv CMRR > 100 db, 14 Bit ADC
Printer	: Any Printer supporting windows.
Power Supply	: 220V 50Hz AC.

Since R&D is a continuous process features & specifications subject to change without notice.



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