




SAFECARE

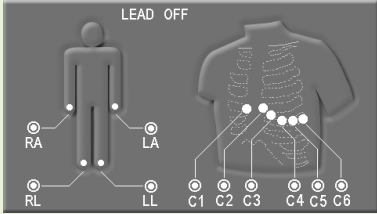
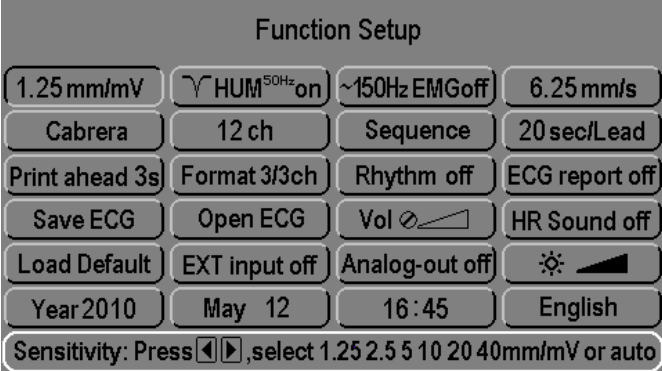
Electrocardiograph Selection Manual

Safecare ECG recorders are ECG instrument featuring simultaneous 12-lead signal acquisition. Their features include high-resolution thermal array printing system, high performance single-chip computer and large memory capacity. The advanced features make it ideal for the ECG examination in clinic and hospitals.

Three models of the ECG monitor are available with a 1 Channel, 3 Channel and 12 Channel output. The comparative features of the three models are given below:

	Safecare E1	Safecare E3	Safecare E12
Model			
Channel	1 Channel Printer	3 Channel Printer	12 Channel Printer
Size	Small, Compact & Portable		
Printer	High-resolution thermal printer. 50 mm Thermal Paper	High-resolution thermal printer. 80 mm Thermal Paper	High-resolution thermal printer. 216 mm Thermal Paper
Printing	Manual\Auto 1CH, 1CH+1R printing, 60 Sec arrhythmia waveform Analysis and 5 Minutes arrhythmia waveform Analysis	Manual\Auto 1CH, 1CH+1R printing, 60 Sec arrhythmia waveform Analysis and 5 Minutes arrhythmia waveform Analysis	Manual\Auto 3CH+3R, 6CH, 6CH+1R, 12CH and 60 Sec arrhythmia waveform Analysis, 5 minutes arrhythmia analysis.
LCD Display	4.3 inch Color TFT		9 inch Color TFT Touch screen control
ECG Memory	100 Records	200 Records	1000 Records
Time	Records one patient's ECG data in 9 seconds		
Signal	Simultaneously 12 lead signal acquisition ECG using standard 12 leads or Cabrera leads: Standard 12 leads : I-II-III aVR-L-F V1-2-3 V4-5-6		

	Cabrera leads: aVL I -aVR II- aVF-III V1-2-3 V4-5-6
Modes of Operation	Automatic Manual Long term: Acquisition a lead 1min
Advantages of Simultaneous Acquisition/ observation/ Printing of ECG trace of the same heart beat cycle	Enables prompt detection and location of ectopic premature, classification and diagnosis of arrhythmia, classification and location of WPW syndrome, diagnosis of tachycardia with broad QRS complex, as well as diagnosis of intraventricular conduction block with little tolerance. Enables examination of detailed ECG and improvement of accuracy and precision in measurement of ECG parameters without the randomness, variant and irregularity in single lead acquisition. Enables accurate judgment of ECG variant by directly comparing the 12 lead ECG trace and location of ECG trace with lower amplitude, particularly P wave, U wave and etc.
ECG parameters	Standard measurements of ECG parameters include P wave duration, QRS duration and T wave duration, P-R interval and Q-T interval are automatically calculated and printed.
ECG Waveform	ECG trace database compliant to international ECG standard for printing out accurate ECG waveform, annotation, statistic diagram and lead marks.
Rhythm Lead	I~V6 selectable (Any lead of 12 lead can be selected as rhythm lead)
Heart Rate	Display HR when HR from 30 to 240 per minute
Filters	Digital filter to prevent baseline drift and automatic positioning of the baseline provide accurate ECG trace.
Alarms	Able to detect and alarm if any electrode disconnects during examination.
Indicators	LED indicator and LCD Color display show operation status of the unit.
Safety	Isolated input circuit guarantees safety standard in compliance to Class I type CF
Power D/c (Battery)	Li-ion Rechargeable battery for approximate 50 tests in auto mode Supports continuous operation when AC power supply is not available. Equipped with a battery charger and a system for battery capacity management and protection.
Power A/c	220 V, 50Hz - Standard 5A three-plug socket with the grounding plug properly grounded.
Patient Cable	High Quality Patient Electrode Cable

Graphical Electrode Disconnection Alarm	
User Friendly Menu	
Warranty	1 Year against Manufacturing defects (ECG Monitor/ Recorder unit only)
Standard configurations	Main machine: 1 Nos Patient cable: 1 Nos Limb electrode (Adult): 1set (4pcs) Chest electrode (Adult):1set(6pcs) Power cable: 1unit 1 Roll Recording paper

Reach to us

If you have any questions about the products, please contact us at:

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Disclaimer: The essential features of the type described and illustrations herein remaining unaltered, Pulsatom Health Care Pvt. Ltd. reserves the right to carry out modifications at any moment on the monitor or any other accessories as may be convenient and necessary without being obliged to bring this information up-to-date. The descriptions and illustrations here are not to be taken binding on the manufacturers.