

SE-601 Series Multi-channel ECG



Technical specifications

Model	SE-601A	SE-601B	SE-601C
Input circuit	Defibrillation protection built-in		
Lead	Standard 12 leads		
Acquisition mode	simultaneous 12 lead acquisition (10-24s adjustable)		
A/D converter	24 bits		
Sampling rate	1000Hz/channel, 10,000Hz for pacemaker detection		
Input voltage range	± 5mVp-p		
Time constant	> 3.2s		
Frequency response	0.05Hz-150Hz		
Calibration voltage	1mV ± 2%		
Sensitivity	2.5,5,10,20,10/5,AGC (mm/mV)		
Input impedance	> 50MΩ		
Input circuit current	< 10nA		
Noise level	< 12.5 μVp-p		
Patient leakage current	< 10 μA (220V~240V)		
Patient auxiliary current	< 0.1 μA (DC)		
Filters	EMG filter 25Hz/35Hz/45Hz/OFF		
	Anti-baseline drift 0.05/0.15/0.25/0.5/0.32/0.67Hz		
	Low-pass filter 75Hz/100Hz/150Hz		
	AC filter 50Hz/60Hz		
CMRR	> 115 dB		
Recording modes	Auto/Manual/Rhythm		
Rhythm lead	Single channel or three channels selectable AC (100-240V@50/60Hz)		
Power supply	12V Vehicle-Carried Inverter		
	Li-ion Battery		
Battery	Built-in rechargeable Li-ion battery, 2200mAh@14.8V for 6 hours general use or 280 copies ECGs continuous printing		
	Thermal printer		
Recorder	Thermal printer		
Number of channels	3,4,6		
Recording paper	110mm*140mm*144P (Z-fold)		
Recording speed	5mm/s, 6.25mm/s, 10mm/s, 12.5mm/s, 25mm/s, 50 mm/s(±3%)		
	Approximately 3.0 kg (including battery and paper)		
Weight	Approximately 3.0 kg (including battery and paper)		
Dimensions	322mmx310mmx101mm		
Display	3.5 inch STN LCD, 192*64 dots	5.7 inch STN LCD 320*240 dots	5.7 inch TFT color LCD 640*480 dots
	100KΩ, sensitivity 10mmV±5%		
External output	100Ω, sensitivity 1V/mV±5%		
Communication ports	Ethernet and RS232		

EDAN



SE-601 series Multi-channel ECG

SE-601 series: SE-601A, SE-601B, SE-601C, cost-effective solutions for any working situations including hospital wards, routine check and emergency cases.



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ENG-ECG-SE601 - V1.1 - 20090622

SE-601 series Multi-channel ECG



Portable and compact design



Alphanumeric keyboard



PC-based data management software
Smart ECG Viewer offer the perfect data management solution



SE-601C
Large backlight color screen (5.7 inch TFT LCD)
200 ECGs in internal memory

- Portable, lightweight design**
Convenient for mobile use and offices with limited space
- Easy data input and operation**
Alphanumeric keyboard and one-touch operation
- Power supply**
Built-in rechargeable Li-ion battery, AC/DC power supply
- Pacemaker detection**
Pacemaker detection which meets the requirements of ANSI/AAMI EC11
- Interpretation**
Automatic measurement and interpretation for adults and pediatrics
- Periodic recording**
Two-step exercise test with periodic recording
- HRV analysis**
Heart rate variability (HRV) analysis
- Recording**
Internal thermal printer and external printer
- Memory and data transmission**
Support external archiving: SD card and card reader, flash disk
- Data transmission to PC via Ethernet or RS232 port

- Options**
- Internal storage upgrade to 200 ECGs
- PC-based data management software (Smart ECG Viewer)
- XML format export
- SD card and card reader, flash disk
- Rolling stand and Carrying bag



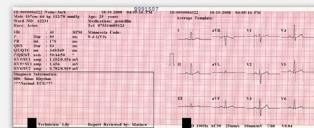
SE-601A
50 ECGs in internal memory



SE-601B
Vivid waveform display on large screen (5.7 inch STN LCD)
100 ECGs in internal memory



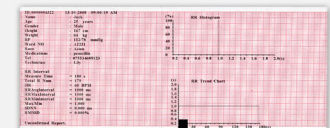
12 lead ECG waveform
Rich print formats to meet different needs



Interpretation
Automatic measurement and interpretation tested with authoritative CSE database



Rhythm recording
Single lead or three leads selectable



HRV analysis report
Heart rate variability (HRV) analysis