

EDAN

SE-12 Twelve-channel ECG

The 12-channel ECG SE-12 is designed to offer you a cost-effective yet high performance solution which aims to meet the needs of hospitals, clinics, office-based practices and clinical trials.



Foldable Screen



One-touch Operation



Wireless AP



Smart ECG Viewer



Care for Health

SE-12

Twelve-channel ECG

Mounting Solutions

- 5.7" foldable LCD display
- Alphanumeric keyboard and one-touch operation
- Support barcode scanner to simplify workflow
- Automatic measurements and interpretation tested with CSE/AHA/MIT database
- Complete digital filters, resisting baseline drift, AC and EMG interference
- Extend printing once arrhythmia is detected
- Built-in high resolution thermal recorder to print on normal thermal paper and A4 size fax paper
- External USB printer support
- 200 ECGs internal memory
- 120 s real-time ECG waveforms freezing and review
- LAN/Wi-Fi/RS232 connection to PC
- Smart ECG Viewer software for data management on PC (optional)
- PDF, SCP and FDA-XML data export (optional)



Rolling stand



Trolley

Specification

Input Circuit	Defibrillation protection
Lead	Standard 12 leads
A/D Resolution	24 bits
Time Constant	≥ 3.2 s (0, $\pm 2\%$)
Frequency Response	0.05 Hz-150 Hz (-3 dB)
Sensitivity	2.5, 5, 10, 20, 10/5, AGC (mm/mV)
Input Impedance	≥ 50 M Ω (10 Hz)
Input Circuit Current	≤ 0.01 μ A
Calibration Voltage	1 mV $\pm 2\%$
DC Offset Voltage	± 600 mV
Noise	≤ 12.5 μ Vp-p
Filter	AC Filter: On/Off DFT Filter: 0.05 Hz/0.15 Hz/0.25 Hz/0.32 Hz/0.5 Hz/0.67 Hz EMG Filter: 25 Hz/35 Hz/45 Hz/OFF LOWPASS Filter: 150 Hz/100 Hz/75 Hz
CMRR	≥ 115 dB
Working Mode	Auto/Manual/Rhythm/R-R/Off
Rhythm	Single channel or three channels selectable
Power Supply	AC: 100 V-240 V, 50/60 Hz
Battery	Built-in rechargeable Li-ion battery For 300 copies ECG printing
Printer	Thermal printer/External printer
Record Paper	Roll and Z-fold
Record Width	216 mm, 210 mm
Record Speed	5 mm/s, 6.25 mm/s, 10 mm/s, 12.5 mm/s, 25 mm/s, 50 mm/s ($\pm 3\%$)
Dimension	420 mm \times 330 mm \times 105 mm (16.5 in \times 13.0 in \times 4.1 in)
Weight	5.0 kg
Display	320 \times 240 dots single color LCD screen
Communication Interface	Ethernet/RS232/USB

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