EDAN

SE-12
Twelve-channel ECG

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

Wi Fi · PDF Adobe · XML · SCP · DICOM

Max 90°

Foldable Screen

One-touch Operation

Wireless AP

Smart ECG Viewer

SE-12
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Mounting Solutions ▶

- 5.7'' foldable LCD screen
- Alphanumeric keyboard and one-touch operation
- Support barcode scanner to simplify workflow
- Automatic measurements and interpretation tested by 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 which can be enlarged by USB flash disk
- 120s real-time ECG waveforms freezing and review
- LAN/WIFI/RS232 connection to PC
- Smart ECG Viewer software for data management on PC (option)
- PDF, SCP, FDA-XML and DICOM data export
- Bi-directional data communication with DMS

Rolling stand   Trolley

Specification

Input Circuit	Defibrillation protection
Lead	Standard 12 leads
A/D Resolution	24 bits
Time Constant	≥3.2s
Frequency Response	0.05Hz ~ 150Hz (-3dB)
Sensitivity	2.5, 5, 10, 20, 10/5, AGC (mm/mV)
Input Impedance	≥50MΩ (10Hz)
Input Circuit Current	≤0.01µA
Calibration Voltage	1mV ±2%
DC Offset Voltage	±600mV
Noise	≤12.5µVp-p
Filter	AC Filter: On/Off DFT Filter: 0.05Hz/0.15Hz/0.25Hz/0.32Hz/0.5Hz/0.67Hz EMG Filter: 25Hz/35Hz/45Hz/OFF LOWPASS Filter: 150Hz/100Hz/75Hz
CMRR	≥115dB
Working Mode	Auto/Manual/Rhythm/R-R/Off
Rhythm	Single channel or three channels selectable
Power Supply	AC: 100V-240V, 50/60Hz
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	216mm, 210mm
Record Speed	5mm/s, 6.25mm/s, 10mm/s, 12.5mm/s, 25mm/s, 50mm/s (±3%)
Dimension	420mm×330mm×105mm (16.5in×13.0in×4.1in)
Weight	5.0kg
Display	320×240 dots single color LCD screen
Communication Interface	Ethernet/RS232/USB

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TÜV SÜD   CE 0123

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