SE-12 Express

Twelve-channel ECG

Mounting Solutions ▶

Trolley

EDANUSA
www.edanusa.com

Specification

	SE-12 Express	
Input Circuit	Defibrillation protection	
Lead	Standard 12 leads	
Acquisition Mode	Simultaneous 12 lead acquisition (10-24 seconds adjustable)	
A/D Converter	24 bits	
Input Voltage Range	±5mVpp	
Time Constant	≥3.2s	
Frequency Response	0.05Hz ~ 150Hz (-3dB)	
Calibration Voltage	1mV±2%	
Sensitivity	2.5, 5, 10, 20, 10/5, AGC (mm/mV)	
Input Impedance	≥50MΩ (10Hz)	
Input Circuit Current	≤10nA	
Noise Level	≤12.5μVp-p	
Anti Baseline Drift	Automatic	
Patient Leakage Current	NC: <10μA (AC)/10μA (DC)	SFC: <50μA (AC)/50μA (DC)
Patient Auxiliary Current	NC: <10μA (AC)/10μA (DC)	SFC: <50μA (AC)/50μA (DC)
Filter	EMG Filter: 25Hz/35Hz/45Hz/OFF	
	DFT Filter: 0.5/0.15/0.25/0.5/0.32/0.67Hz	
	Lowpass Filter: 150Hz/100Hz/75Hz	
	AC Filter: 50Hz/60Hz	
CMRR	≥115dB	
Recording Mode	Auto/Manual/Rhythm/R-R/OFF	
Rhythm Lead	Single lead or three leads selectable	
Power Supply	AC: 100V-240V, 50/60Hz	
Battery	Built-in rechargeable Li-ion battery	
	battery: voltage=14.8V, for about	
	350 copies ECG printing	
Recorder	Thermal printer/External printer	
Record Paper	Folded paper, Rolled paper	
Paper Width	216mm, 210mm	
Record Speed	5mm/s, 6.25mm/s, 10mm/s, 12.5mm/s, 25mm/s, 50mm/s (±3%)	
Dimension	420mmx330mmx120mm	
Display	800x600 dots TFT color LCD	
External Input/Output	Input: ≥100kΩ: Sensitivity 10mm/V ±5%	
	Output: ≤100kΩ: Sensitivity 1V/mV ±5%	
Communication Ports	Ethernet, RS232, USB	

EDANUSA

Care for Health

SE-12 Express
Twelve-channel ECG

PDF · XML · SCP · DICOM · Wi Fi

The SE-12 Express offers you both resting and stress solutions with high performance and reliable analysis. One touch operation with barcode scanner and wireless transmission enables to streamline your workflow.

User-friendly Design
- 12.1" high resolution color touch screen with grid display
- Alphanumeric keyboard

Streamlined Worklow
- One-touch operation with age and gender shortcuts
- Support barcode scanner to simplify workflow

Accurate Clinical Performances
- Weak signal detection with the most advanced 24 bits A/D converter technology
- Anti-noise technology with comprehensive filters and the high CMRR over 115dB
- 120s real-time ECG waveforms freezing and review to assist your diagnosis
- Automatic measurements and interpretation tested by CSE/AHA/MIT database
- Extend printing once arrhythmia is detected to further your rhythm analysis
- Integrated advanced ECG analysis: Vector ECG

Flexible Printing Solutions
- Built-in high resolution thermal recorder to print on normal thermal paper and A4 size fax paper
- External USB printer support

Data Management
- 200 ECGs internal memory which can be enlarged by USB flash disk
- Smart ECG Viewer software for data management on PC (option)
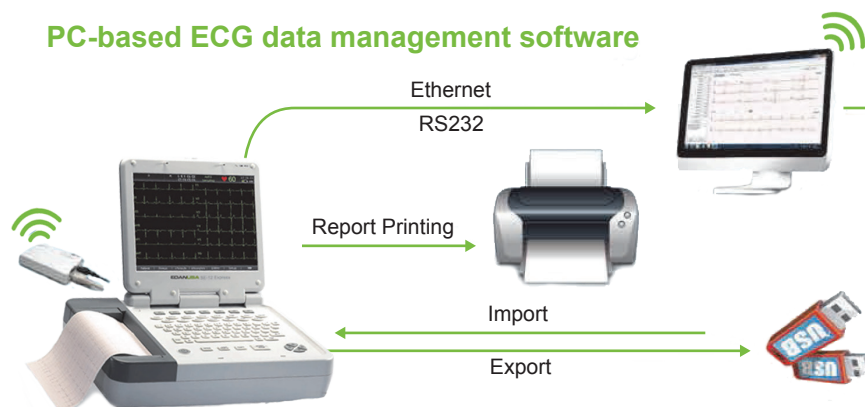
Extensive Communications
- DATA transmitting to PC via LAN/WIFI
- Standard ECG formats: PDF, SCP, FDA-XML and DICOM data export
- Bi-directional data communication with DMS

Stress Test (Option)
- Compatible with reputable treadmills and bicycles
- Support exercise blood pressure monitor
- Customized exercise protocols in addition to Bruce and Modified Bruce

EDANUSA SE-12 Express

ECG Reports

Streamlined Workflow

Patient Information

Max 120°

Foldable Screen | **Touch Screen** | **One-touch Operation** | **Extensive Communication Interfaces**

PC-based ECG data management software

Ethernet
RS232

Report Printing

Import

Export

Smart ECG Viewer
Intuitive interface to improve your work efficiency

Measurements

Diagnosis

Report

Royal Hospital