

SE-1200

Express & Express Basic ECG Machine



Built-in WiFi



On-Board PDF Creator



Built-in Thermal Printer
for Full Page Printout

The SE-1200 ECG Machine stands out for its exceptional cost-effectiveness, seamlessly integrating precise clinical performance with a user-friendly interface. With an on-board PDF creator facilitating effortless file transfers, this machine ensures refined and dependable operation. Tailored to meet primary clinical needs across diverse settings, it suits both adult and pediatric applications.

Features:

- 8" LCD screen
- USB support
- Alphanumeric keyboard
- Built-in thermal recorder
- Data transmitting to PC via LAN/WIFI
- Barcode scanner support
- PDF, SCP, FDA-XML, DICOM data export options
- One-touch operation with age and gender shortcuts



On/Off

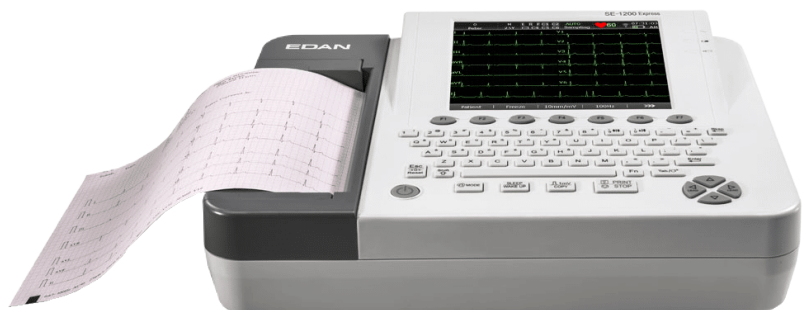
Shortcut Keys

Arrow Keys

What's the Difference?

SE-1200 Express Basic
Short-cut keys only

SE-1200 Express
Touchscreen & Short-cut keys



Exceptional Clinical Performances

- High CMRR over 115dB
- Integrated advanced ECG analysis with Vector ECG
- Extended printing when arrhythmia is detected
- Anti-noise technology with comprehensive filters
- 120s Real-time ECG waveforms freezing and review
- Weak signal detection with 24 bits A/D converter technology
- Automatic measurements and interpretation tested by CSE/AHA/MIT database

Highlights

Expert Communications

- Auto-analyzing & diagnostic software
- Glasgow interpretation included
- Preview/printing for waveform & analysis

Data Management

- 800 ECG internal memory
- Can be easily enlarged by USB flash disk

SE-1515 PC Software (Optional)

- *Must be purchased and utilized to send wireless reports*
- Optional data management for Windows/ PC



- Compare previous ECGs
- Increase confidence when diagnosing
- Seamlessly export and customize ECG reports



MT-207 Trolley

Specifications

PHYSICAL SPECIFICATION

Dimensions: 420mm×330mm×120mm
Weight: ≤5kg
(Excluding recorder paper and battery)

DISPLAY

8 inch, 800×600 multicolor LCD screen
(Touch screen is optional)

POWER SUPPLY

Mains Supply:
Operating Voltage: 100V-240V
Operating Frequency: 50Hz/60Hz
Input Current: 0.9-0.4A
Internal Li-ion Battery Pack:
Rated voltage: 14.8V
Rated capacity: 2500/5000mAh
(4/8 normal work hours)
Necessary Charge time: 3/6 hours

RECORDING

Recorder:
Thermal dot matrix recorder
Recorder Paper:
Folded thermal paper:
210mm×295mm×100pages
Folded thermal paper:
215mm×280mm×100pages
(Optional)
Rolled thermal paper:
210mm×30m
(Optional)
Printing Density:
8 dots per mm / 200 dots per inch (amplitude axes)
40 dots per mm
/ 1000 dots per inch (time axes, @ 25 mm/S)
Paper Speed:
5mm/s, 6.25mm/s, 10mm/s, 12.5mm/s, 25mm/s, 50mm/s (±3%)
External Printer:
HP2010/2132/1050/2000, HPM401/2015/2035, HP1106/1020P, HP1112/4729/3638, HPM202D/1525/M403D

HR

HR Range: 30 BPM - 300 BPM
Accuracy: ±1 BPM
Leads: 12 standard leads
A/D Converter: 24 bits
Time Constant: ≥5s
Sampling Frequency: 64,000 Hz
Input Impedance: ≥100MΩ (10Hz)
Input Voltage Range: ≤±5 mVpp
CMRR:

≥140dB (AC on)

≥123dB (AC off)

Acquisition Mode:
Simultaneously 12 leads

Resolution:
0.1192uV/LSB

Frequency Response:
0.01Hz ~ 500Hz (3dB)

Gain:
1.25, 2.5, 5, 10, 20, 10/5 mm/mV, AGC

Input Circuit Current:
≤0.01μA

Calibration Voltage:
1mV±2%

QTc Formulas:
Bazett, Fridericia, Framingham, Hodges, QRS

PACEMAKER

Amplitude: ±750μV to ±700 mV
Width: 50μs to 2.0 ms
Sampling Frequency:
80,000 /sec/channel, Rhythm Lead

FILTER

AC Filter:
50/60Hz

DFT Filter:
0.01Hz/0.05Hz/0.15Hz/
0.25Hz/0.32Hz/0.5Hz/0.67Hz

EMG Filter:
Off/25Hz/35Hz/45Hz

Lowpass Filter:
350Hz/300Hz/270Hz/
150Hz/100Hz/75Hz

DATA TRANSMISSION

Report Format:
PDF, XML, DICOM, FDA SCP
Data Management System:
SE-1515 Data Management System, bi-directional communication
Data Storage: 800 ECGs
Data Transmission:
WiFi, Ethernet, RS232
HIS Connection:
DICOM Worklist/DICOM Storage/HL7/GDT

WIFI

Transmitting Frequency:
2400-2497 MHz
Modulation Type:
DSSS, CCK, OFDM
Frequency Band:
2400=2497 MHz
Transmitting Power: 6-17 dBm
Effective Radiated Power: 6-17 dBm