



NEW ESSE-6



NEW ESSE-6 Series Multi-channel ECG

User-friendly Design with Streamlined Workflow

- Alphanumeric keyboard
- One-touch operation

Sensitive Signal Acquisition

- 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
- 12 leads simultaneous acquisition

Accurate Analysis and Diagnosis

- Automatic measurements and interpretation tested by CSE/AHA/MIT database
- Automatic analysis with gender and age specific
- Pacemaker detection which meets the requirements of AMSI/AAMI EC11

Flexible Printing Solutions

- Built-in high resolution thermal recorder
- External USB printer support

Data Management

- Large internal memory which can be enlarged by USB flash disk
- LAN/WIFI/RS232 connection to PC
- Smart ECG Viewer software for data management on PC (option)

Easy to Transport

- Lightweight and portable design
- Built-in rechargeable Li-ion battery
- Rolling stand and cable arm (option)
- Carrying bag (option)



NEW ESSE-6A
50 ECGs Internal Memory
(3.5 inch single color LCD display)



NEW ESSE-6B
100 ECGs Internal Memory
(5.7 inch single color LCD display)

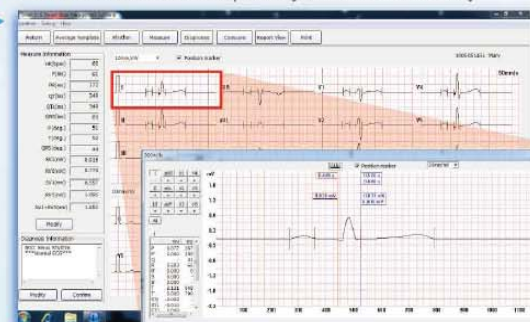


PC-based ECG data management software



Smart ECG Viewer

Intuitive interface to improve your work efficiency





Portable Design



Alphanumeric Keyboard

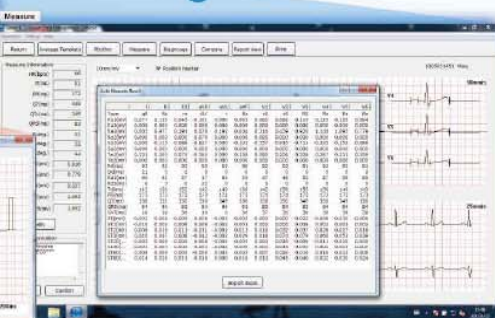


Large Color Screen

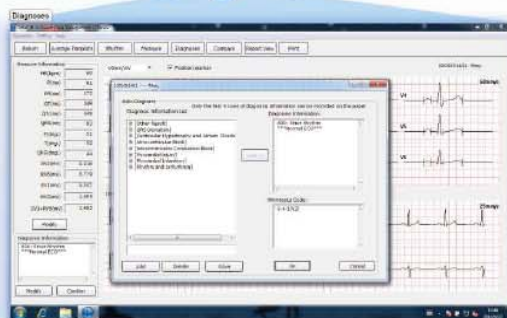


NEW ESSE-6C
200 ECGs Internal Memory
(5.7 inch multi-color LCD display)

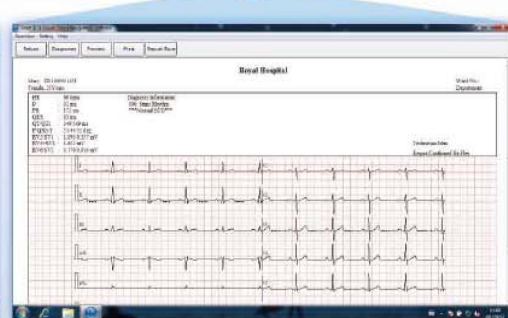
Measurements



Diagnosis



Report



NEW ESSE-6 Series Multi-channel ECG

Mounting Solutions



Carrying bag



Rolling stand

Specification

Input Circuit	Defibrillation protection		
Lead	Standard 12 leads		
Acquisition Mode	12 leads simultaneous acquisition		
A/D Converter	24 bits		
Sampling Rate	1,000 Hz/channel, 10,000 Hz for pacemaker detection		
Input Voltage Range	$\leq \pm 5\text{mVpp}$		
Time Constant	$\geq 3.2\text{s}$		
Frequency Response	0.05Hz ~ 150Hz (-3dB)		
Calibration Voltage	1mV $\pm 2\%$		
Sensitivity	2.5, 5, 10, 20, 10/5, AGC (mm/mV)		
Input Impedance	$\geq 50\text{M}\Omega$ (10Hz)		
Input Circuit Current	$\leq 0.01\mu\text{A}$		
Noise	$\leq 12.5\mu\text{Vp-p}$		
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	$\geq 115\text{dB}$		
Working Mode	Auto/Manual/Rhythm		
Rhythm	Single channel and three channels selectable		
Power Supply	AC: 100V-240V, 50/60Hz Built-in rechargeable Li-ion battery More than 2 hrs continuous recording under battery supply		
Recorder	Thermal printer/External printer		
Recording Paper	110mm \times 140mm \times 144p (Z-fold)		
Dimension	310mm \times 322mm \times 101mm		
Weight	2.6kg		
Display	3.5 inch STN LCD 192x64 dots	5.7 inch STN LCD 320x240 dots	5.7 inch TFT color LCD 640x480 dots
Communication Interface	Ethernet, RS232, USB		



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