



esse 3 1201
Twelve-channel ECG



Care for Health



1201 Twelve-channel ECG



Touch Screen



Portable Design



ECG Reports

Streamlined Workflow

Patient Information

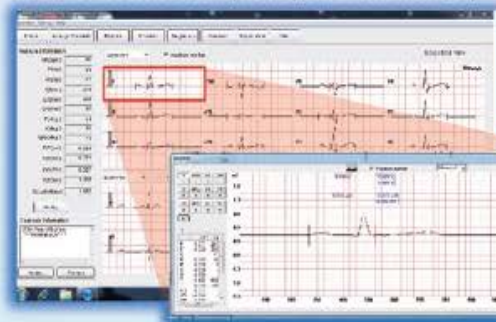


PC-based ECG data management software



Smart ECG Viewer

Intuitive interface to improve your work efficiency



User-friendly Design

- 12 channel ECG with compact and portable design
- 7" color LCD display with touch screen function
- Alphanumeric keyboard

Streamlined Workflow

- One-touch operation including gender and age-group shortcuts
- Support barcode scanner to simplify workflow

Accurate Clinical Performances

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

Flexible Printing Solutions

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

Data Management

- 200 ECGs internal memory which can be enlarged by USB flash disk and SD card
- Smart ECG Viewer software for data management on PC (optional)

Extensive Communications

- DATA transmitting to PC via LAN/Wi-Fi
- Standard ECG formats: PDF, SCP and FDA-XML data export (optional)
- Bi-directional data communication with DMS



High Resolution Touch Screen with Grid Display



Gender and Age-group Shortcuts

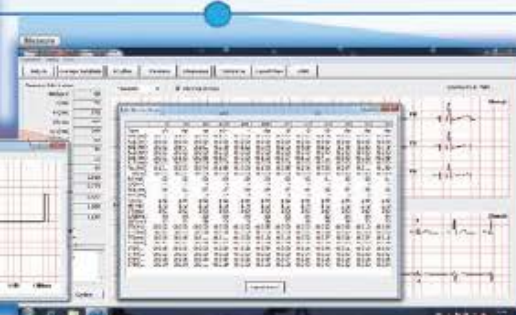


Extensive Communication Interfaces



One-touch Operation

Measurements



Diagnosis



Report





1201

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Mounting Solution



Rolling stand

Specification

	 1201
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 (10 Hz)
Input Circuit Current	≤ 0.01 μ A
Input Voltage Range	$\leq \pm 5$ mVpp
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 Lithium battery For 200 copies ECG printing
Printer	Thermal printer/External printer
Record Paper	A4 size paper, Half A4 size paper
Record Speed	5mm/s, 6.25 mm/s, 10 mm/s, 12.5 mm/s, 25 mm/s, 50 mm/s ($\pm 3\%$)
Dimension	361 mm \times 262 mm \times 135 mm
Weight	4.2 kg
Display	800 \times 480 dots TFT LCD Screen
Communication Interface	Ethernet/USB/SD card slot



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