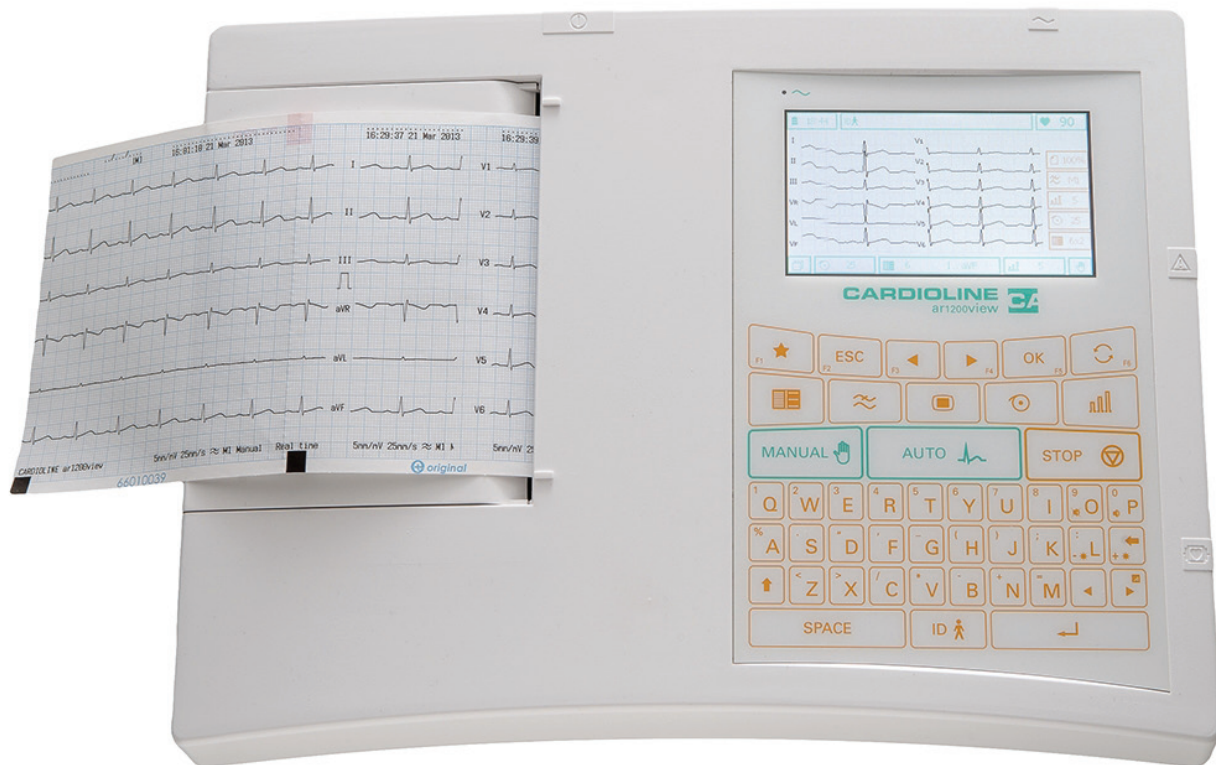


CARDIOLINE US

ar1200viewbt combines the optimized performance of a multi-channel electrocardiograph with 120mm printing system, LCD colour graphic display TFT with 12 channels and extended soft-touch alphanumeric keyboard. This machine integrates ECG parameter measurement and wireless data transmission via bluetooth interface allowing tests to be recorded onto computer.

ar1200view**FEATURES**

- Records ECG in automatic, manual and pre-programmed mode;
- Bluetooth computer connection with Cube ECG to save examinations and archive them (Archive), or record an examination in real time directly from the PC (PC-ECG)
- Visualizes the ECG signal on its graphic display in the formats 3,6 and 3+3 channels;
- Prints the ECG signal in high resolution on 120mm paper with its thermal printer in various formats;
- Sorts the tests according to clock, date and alphanumeric keyboard to manage user and patient data.

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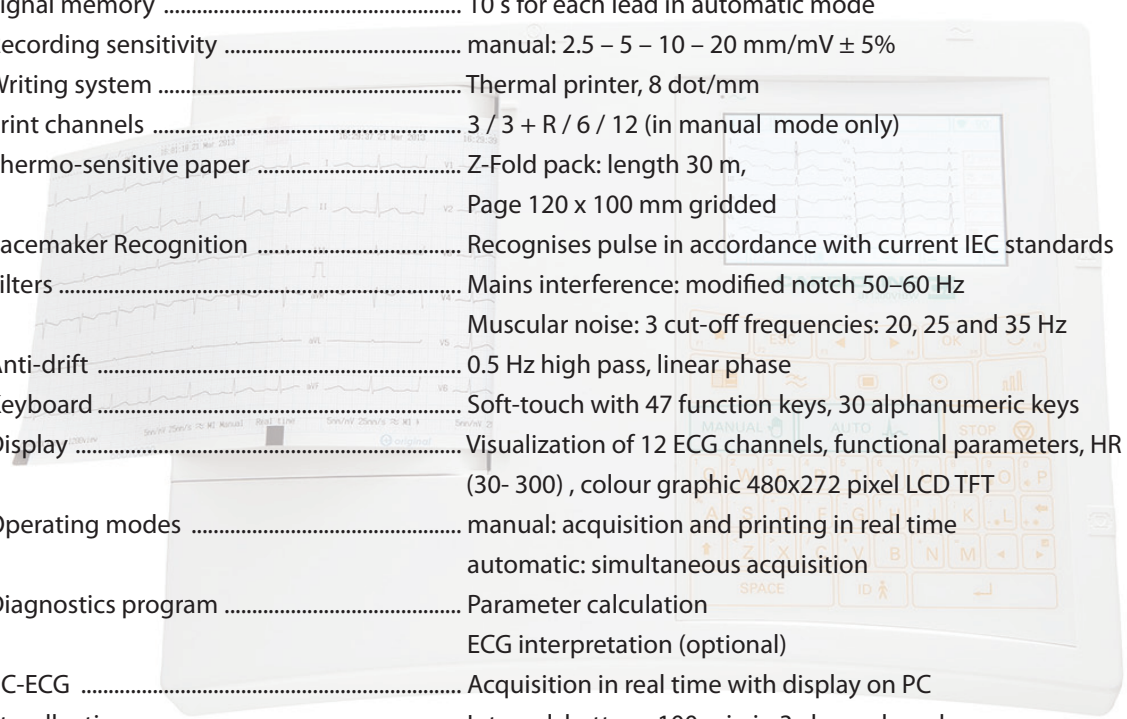
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Technical Specifications



Mains supply	Internal A/C power 90-264 V 47/63Hz
Battery	Rechargeable battery pack NiMH 10x1.2 Vdc; 1800 mAh
Leads	12 Standard or Cabrera leads
Input dynamics	± 300 mV @ 0 Hz. ± 10 mV in pass band
Common mode rejection	> 100 M Ω on each electrode
Frequency Response	0.05 / 190 Hz (-3dB)
Signal memory	10 s for each lead in automatic mode
Recording sensitivity	manual: 2.5 – 5 – 10 – 20 mm/mV $\pm 5\%$
Writing system	Thermal printer, 8 dot/mm
Print channels	3 / 3 + R / 6 / 12 (in manual mode only)
Thermo-sensitive paper	Z-Fold pack: length 30 m, Page 120 x 100 mm gridded
Pacemaker Recognition	Recognises pulse in accordance with current IEC standards
Filters	Mains interference: modified notch 50–60 Hz Muscular noise: 3 cut-off frequencies: 20, 25 and 35 Hz
Anti-drift	0.5 Hz high pass, linear phase
Keyboard	Soft-touch with 47 function keys, 30 alphanumeric keys
Display	Visualization of 12 ECG channels, functional parameters, HR (30- 300) , colour graphic 480x272 pixel LCD TFT
Operating modes	manual: acquisition and printing in real time automatic: simultaneous acquisition
Diagnostics program	Parameter calculation ECG interpretation (optional)
PC-ECG	Acquisition in real time with display on PC
Standby time	Internal battery: 100 min in 3 channel mode
Recharging time	Internal battery : 18hours 100%
Dimensions	320 x 72 x 240 mm (length x height x depth)
Weight	2150 grams without paper