A comprehensive solution with practical features needed at clinics, physician offices and smaller hospitals.

The GE Marquette MAC 1200 Resting ECG Analysis System is a compact 12-lead electrocardiograph designed for acquisition with or without analysis. The system can be configured as a standard electrocardiograph without analysis for facilities with minimal ECG requirements. The system can also be configured to incorporate the 12SL ECG analysis program. Adding the 12SL program creates an electrocardiograph with the industry leading interpretation program and measurements.

**A Quick Look**

- Comprehensive solution for ECG requirements
- Waveform LCD display
- Interpretive EKG
- Full size paper reports
- Portable with built-in battery
- Measurements, interpretation and memory available in any combination
- Simultaneous 12-lead ECG acquisition and analysis
- Compact, lightweight design with carrying handle
- Field upgradeability

This refurbished MAC 1200 Basic includes:

- Interpretive electrocardiograph with 12-lead analysis
- Waveform display
- Full-sized paper format
- Alphanumeric keypad
- Patient cable
- Paper
- Power cord

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### Technical Specifications

- Provides 10 seconds of instantaneous ECG acquisition and printing of any selected report format.
- Microcomputer-controlled 12 lead resting ECG system.

**Signal Processing**

- Acquisition: 12 leads simultaneously
- Signal input: Type CF according to IEC
- Digital sampling rate: 1000 samples/second/channel
- Dynamic range: Differential signals for AC voltage ±, 10mV Superimposed DC voltage (Polarization voltage) ±600mV
- Resolution: 5 uV
- Frequency response: 0.04 – 150 Hz
- Common mode rejection: > 140 dB
- Input impedance: > 100 M ohms
- Leakage current: < 10uA
- Pacemaker detection sensitivity: All leads, duration 0.1 - 2.5 ms, amplitude > 5 mV

**Display**

- Type: LCD 320 x 240 pixel, backlit, contrast adjustable
- Displayed data: Selected lead group, operation mode, lead check, heart rate, AC filter, ADS, gain, speed, name, ID, 3 ECG waveforms

**Writer**

- Type: Thermal array print head
- Resolution: Vertically 8 dots/mm horizontally 25um at 25 mm/s
- Paper: 8.5 x 11 inch
- Writer speed: 5, 25, 50 mm/s
- Paper type: Z-fold

**Keyboard**

- Type: Membrane keypad with tactile feedback / 46 keys

### Special Functions

- Anti Drift System (ADS): Automatic compensation of baseline fluctuations caused by polarization voltage fluctuations at the electrodes
- Baseline adjustment: ECG presentation on averaged baseline
- Electrode monitoring: Audible and visual indication on the LCD of disconnected electrodes or fine break; Each single electrode is monitored
- Copy: In the automatic 12 lead mode, after ECG recording, copies of the ECG can be printed
- Test: Automatic performance test upon power up, including verification of the signal path starting at the signal input

### Power Supply

- Ratings: 10 - 120 V (0.32A) / 220 - 240 V (0.16A)
- Frequency: 49 - 65 Hz
- Battery type: NiCad, 18V, 1.4 Ah
- Battery charge time: 4 hours

### Physical Specs

- Width: 14.5 in (370 mm)
- Height: 3.7 in (94 mm)
- Depth: 12.6 in (320 mm)
- Weight: 12.4 lb. (5.6 kg) with graphics display and battery