The MAC® 1200 ST digital, 12-lead electrocardiograph system offers comprehensive ECG solutions with practical features that meet the needs of hospitals, clinics, office-based practices and clinical trials. Its advanced algorithm capabilities, seamless connectivity to the MUSE® and CardioSoft Cardiology Information Systems and easy-to-use features provide the top level of quality and convenience users require.

- **Operating Modes:**
  - Automatic, 12-lead simultaneous
  - Manual, real-time 6-channel
  - Arrhythmia, continuous monitoring with event documentation
  - Stress Test (optional)

- **One-touch operation** for acquisition, analysis, storage and printing minimizes training.

- **Measurements, interpretation and memory** are available in any combination to meet specific customer needs.

- **4 user-definable fields** for patient data entry flexibility.

- **Waveform display** allows rapid assessment of ECG rhythm and signal quality.

- **Portable, lightweight design** with carry handle allows the MAC 1200 ST to be easily taken wherever it’s needed.

- **Full-size paper** accommodates multiple standard report formats. Optional archivist paper available for longer-term ECG storage.

- **Battery powered** for added versatility.

- **KISS – electrode application system** with device integrated suction pump (optional).

- **Stress test**
  - 12-channel ST-measurements
  - variety of different stress test procedures and creation of individual parameters
  - automatic control of diverse bicycle ergometers and treadmills
  - advanced configuration possibilities of stage and final report
With gender specific 12SL analysis
Interpretive program states Acute MI

Without gender specific 12SL analysis
Interpretive program states non-specific ST and T-wave abnormality

Reliable decision support

GE continues advancements in ECG acquisition and analysis, giving clinicians the diagnostic accuracy they have come to rely on. In fact, the accuracy of our Marquette® ECG analysis programs are continually validated against the clinical “gold standards” currently accepted by physicians.

- Marquette 12-Lead ECG Analysis – Our Marquette® 12SL™ ECG analysis program provides true, computer-interpreted analysis of adult and pediatric populations. It is the most scientifically documented 12-lead ECG algorithm, and offers the greatest accuracy for a respectable second opinion.

- Marquette 12SL with Gender Specific interpretation applies unique criteria for evaluating the ST segment, QT segment and T-wave of the ECG waveform, improving sensitivity to acute MIs in women and enhancing diagnostic confidence among even occasional ECG readers.

- Auto-Arrhythmia Detection maximizes rhythm capabilities and minimizes paper consumption and overread time.
Seamless connectivity

Electronic information exchange to provide clinical data anytime, anywhere.

- **All digital, all the time** – MAC 1200 ST’s digitally stored and formatted data protects against data loss that can occur in analog format.

- **Communication with MUSE/CardioSoft** can help clinicians increase departmental productivity and reduce errors. MAC 1200 ST can instantly send and receive complete patient ECG data for immediate remote review or overread.

- **Cart-to-cart communication** is also featured, making your ECG data even more accessible. Electrocardiograms can immediately be transmitted or received from another GE electrocardiograph, thus speeding up diagnosis and enhancing decision-making support.

True cost of ownership

Our MAC line of electrocardiographs are not only known for standing the test of time, but are designed with features to maximize departmental uptime, minimize patient rescheduling and lower replacement costs.

- **Modular leadwire assembly**
  - Multi-Link Leadwires
  - Full variety of electrode adapters

- **Field-upgradeable**
### Physical specifications
- **Height**: 3.7 in (94 mm)
- **Width**: 14.5 in (370 mm)
- **Depth**: 12.6 in (320 mm)
- **Weight**: 12.3 lb (5.6 kg) with battery

### Performance specifications
**Power Supply**
- Ratings: 95 to 240 VAC
- Frequency: 49 to 64 Hz
- Battery Type: NiCad, 18V, 1.3 Ah
- Battery Charge Time: 4 hours

**Processing**
- **Acquisition & Analysis**: 12 leads – simultaneously
- **Signal Input**: Type CF according to IEC
- **Digital Sampling**: 1000 samples/second/channel
- **Dynamic Range**:
  - Differential signals for AC voltage ±10 mV
  - Superimposed DC voltage (Polarization voltage) ±600mV
- **Resolution**: 5 µV
- **Frequency Response**: 0.08 – 150 Hz
- **Common Mode Rejection**: > 140dB
- **Input Impedance**: > 100 MΩ
- **Leakage Current**: < 10 µV
- **Pacemaker Detection**: All leads, duration 0.1–2.5 ms
- **Sensitivity**: amplitude > 5 µV
- **Operating Modes**: Automatic, 12lead simulaiton
  - Manual, real-time 6-channel
  - Arrhythmia, continuous monitoring
  - with event documentation
- **Stress Test**: (optional)

**Memory**
- Resting: 40 ECG’s

**Display**
- **Type**: LCD 320 x 240 pixel, backlit, Contrast adjustable
- **Displayed Data**: Selected Lead Group, Operation Mode, Lead Check, Heart Rate, AC Filter, Muscle Filter, ADS, Gain, Speed, Name, ID, 3 ECG Waveforms

### Writer
- **Type**: Thermal array print head
- **Resolution**: Vertically 8 dots/mm, horizontally 25µm at 25 mm/s
- **Paper type**: Z-fold
- **Writer speed**: 5, 25, 50 mm/s

### Keyboard
- **Type**: Membrane keypad with tactile feedback

### Environmental specifications
**Temperature (with battery)**
- Transport: -30° to 60°C (-22° to 140°F)
- Operating: +10° to 40°C (50° to 104°F)

**Relative humidity**
- Transport: 25-95%
- Operating: 25-95%

**Pressure**
- Transport: 500 to 1060 hPa
- Operating: 700 to 1060 hPa

### Certification
**CE Marking**
- Compliance with:
  - CE Mark council directive, 93/42/ECC
  - Electromagnetic compatibility, EN 60601-1-2

### Ordering Information
Visit gehealthcare.com or contact your local GE Healthcare representative.