CompuMed™

MAC™ 2000 ECG System - GE Healthcare

CompuMed offers the latest ECG technology with GE Healthcare's MAC 2000 which is fully integrated into our telemedicine platform.

STATE-OF-THE-ART ECG ANALYSIS

- Marquette™ 12SL ECG analysis program with measurement and interpretation
- HookUp Advisor™ allows you to identify a quality signal before acquisition
- Arrhythmia detection
- ACI-TIPI algorithm for Acute Cardiac Ischemia (optional)
- Gender-specific interpretation provides improved sensitivity to Acute Myocardial Infarction in women

STREAMLINED DATA CONNECTIVITY

- Supports paperless workflow with options for bi-directional communication
- Seamless connectivity with CompuMed's online portal, allowing 24/7 connection to our Board-Certified Cardiologists
- Easily integrated to your EMR
- Secure connectivity with LAN (FTPS), serial port, internal modem, SD card. Optional Wi-Fi or encrypted cellular
- PDF and XML export capabilities
- Internal storage for up to 200 ECGs

SMARTER, SIMPLER WORKFLOW

- Automatic capture of 10-second ECGs with one-touch operation
- Easy-to-read 7" color display is configurable to meet your needs
- On-screen preview of 12-lead waveforms and ECG results helps streamline review and diagnosis
- Full-size 8.5"x11" paper
- Patient data entry via Barcode scanner (available)

BENEFITS

- **Latest ECG Algorithm Technology**
- **Highly Secure & Flexible Communication**
- **Intuitive 7" Color Display & Full Keyboard**
- **One-Touch Operation for 10-sec ECGs**
- **Seamless Integration to CompuMed's Servers**
- **EMR Compatible**

MAC 2000 System Specs:

ECG Interpretation: Marquette 12SL ECG Analysis Program for Adults and Pediatrics
Operation Modes: Resting ECG, Arrhythmia and Exercise
Computerized measurements: 12-lead analysis
ECG on-screen preview: On-screen preview of acquired 10 second ECG waveform
Acquisition mode: 10 seconds of instantaneous ECG acquisition
Lead detection: All disconnected lead detection except RL & RA
Hookup advisor: Provides visual indication of signal quality
Heart rate meter: 30 to 300 BPM
Start-up time: Less than 30 seconds
Operating system: Microsoft® Windows® CE 6.0
Display: 7 in. color TFT display with support of minimum 32K colors
Display data: Heart rate, patient ID, clock, battery power indicator, waveforms, lead labels, speed, gain and filter settings, warning messages, prompts, help messages, and 12-lead display
Supported patient info: Patient ID, secondary patient ID, last name, first name, height, weight, gender, race, pacemaker patient, systolic BP, diastolic BP, location number, room, order number, phone number, medication, ordering physician, referring physician, attending physician, technician, test indication
Keyboard: Membrane keyboard with tactile feedback – Soft function keys, alphanumeric keys (Qwerty key set), writer controls and Trim Pad cursor controls
Communication: Internal modem, RS232 serial cable, Supported MUSE/CardioSoft, RJ45 Wired LAN, Wireless LAN (WIFI)
Writer: Thermal dot array
Paper: 8.5"x11" (letter), Z-fold thermal paper
Storage: 200 ECGs
Power supply: Internal AC/DC or battery
Battery specs: 100 single page resting ECGs or 3 hr continuous w/out printing. Charge time: ~3.5 hours
Physical specs: Height: 200 mm, Width: 390 mm, Depth: 330 mm, Weight: Approx. 5 Kg including battery, without paper
ECG analysis frequency: 500 or 1000 samples/second/channel
Dynamic range: AC Differential ±5 mV, DC offset ±300 mV
Resolution: 4.88 µV +/-1% per LSB @ 500 SPS
Frequency range: 0.04 to 150 Hz
Common mode rejection: >135 dB (with 50/60 Hz filter ON)
Input impedance: >10MΩ @ 10 Hz
Patient leakage: <10µA (Normal Condition), <50µA (Single Fault Condition)

Learn more about CompuMed's Solutions | **(310) 258-5000** | **sales@compumedinc.com** | **www.CompuMedinc.com**

The Leaders in *Diagnostic Telemedicine.*