CareCenter MD

PRIMARY BENEFITS:

- **Flexible Workflow.** Wireless ECG data acquisition via Bluetooth® promotes safety, comfort, and convenience for both patients and clinicians.

- **Simplicity.** CareCenter MD® uses a single platform for ECG and stress testing which eliminates redundant patient demographic data entry. One-button navigation for either exam type simplifies workflow.

- **Scalability.** Multiple workstations can pair with a single acquisition device and multiple devices can be paired with a single workstation, enabling improved workflow and convenient expansion as your practice grows.

COMPREHENSIVE ECG/STRESS SOLUTION SUPPORTS MULTIPLE WORKFLOW SCENARIOS

- Analysis tools and at-a-glance electrode impedance check during patient connection help to ensure high quality results.
- Configuration flexibility allows clinicians to choose their preferred screen views and reports.
- Fast access to advanced display and analysis tools for both modalities allows clinicians to edit and confirm tests quickly and easily.
- With decades of proven performance, these trusted Burdick solutions provide diagnostic ECG monitoring with interpretation, ST analysis, arrhythmia detection, and results reporting.

ADVANCED NETWORKING CAPABILITIES

- With CareCenter MD's shared patient database, results are immediately available at any networked workstation, with or without an Electronic Health Record (EHR) system.
- Industry-standard communication protocols via HL7 allow for seamless connectivity to your EHR.
- Physicians with remote access to real-time exams can provide patient consultation from another location while the exam is in progress.
- Practices can save, review, combine and share patient records with connectivity to EHR systems.

TECHNICAL AND CLINICAL SUPPORT YOU CAN DEPEND ON

Implementation, training, and clinical expertise are provided by Burdick qualified personnel. Expert technical and clinical support assures optimal efficiency and maximum uptime so you and your staff can focus on what's most important - patient care.

BURDICK

CARECENTER MD

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WARRANTY + SERVICE
Mortara Instrument is committed to the highest level of customer support. Please contact us for the program which best suits your needs.

*Specifications subject to change without notice.

Note: For detailed technical specs, please refer to the CareCenter MD Product Information and Safety manual, PN 70-00663-02 and the CareCenter MD Setup Guide, PN 70-00531-03

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FEATURE	SPECIFICATION*
MINIMUM SYSTEM REQUIREMENTS	
CPU	2 GHz Intel® x86 compatible processor
MEMORY	1 GB RAM (2 GB for server)
HARD DISK	10 GB available space (100 GB for server)
DRIVE	CD or DVD drive
USB PORTS	Six USB 2.0 ports (USB acquisition device or BT adapter, treadmill, QRS Sync, license dongle(s), keyboard, mouse). An optional USB 2.0 hub can be used for the keyboard, mouse, and license dongles.
RS-232 SERIAL PORT	For ergometer, treadmill or ABP unit
LPT (PARALLEL) PORT	For USB blood pressure sync
24-BIT DISPLAY RESOLUTION	800 x 600 (Resting ECG) 1024 x 768 (Pharmacological Stress) 1280 x 1024 (Exercise Stress)
NETWORK	NIC with 10Mb/s or greater, 1000Mb/s recommended
OPERATING SYSTEMS	Windows® XP Pro SP3, Vista Pro, Windows 7 Pro, Windows 8 Pro, MS Server 2003, and MS Server 2008
BLUETOOTH ADAPTER	Windows Bluetooth emulator from Microsoft® (recommended) or Widcomm Bluetooth Stack 4.x – 5.5, Bluetooth adapter (not compatible with MS Server 2003 or 2008 OS)
BLUETOOTH WIRELESS ACQUISITION DEVICE	
PC INTERFACE	Bluetooth class 1 or class 2 PC interface
POWER SUPPLY	Powered by 2 AA alkaline 1.5V batteries. Operating time: 10 hours continuous data transmission at full charge.
QRS TRIGGER OUTPUT	QRS trigger output via separate radio transmitter (915 MHz)
SIZE & WEIGHT	110 x 65 x 28 mm (4.3 x 2.5 x 1.1 in); 160 g (5.64 oz) with batteries
PC INTERFACE	Bluetooth class 1 or class 2 PC interface
USB ACQUISITION DEVICE	
PC CONNECTION	USB 2.0, 5 meter, PC cable connection
POWER SUPPLY	Powered via USB connection
QRS TRIGGER OUTPUT	Via LPT and PC serial port
SIZE & WEIGHT	95 x 64 x 28 mm (3.7 x 2.5 x 1.1 in); 90 g (3.17 oz)
ENVIRONMENTAL (ACQUISITON DEVICES)	
OPERATING TEMPERATURE	+5° to +40°C, relative humidity 5% to 85%, non-condensing
TRANSPORTATION TEMPERATURE	-25° to +70°C, relative humidity <95% non-condensing
STORAGE TEMPERATURE	-5° to +45°C, relative humidity 5% to 95%, non-condensing
EXTERNAL DEVICE INTERFACES	• Quinton® TM55/65 and Trackmaster TMX425 treadmills • Ergoline Ergoselect 50, 100, 150, 200, 400, 600, 1000, 1100, 1200 egometers and Lode Corival bicycle ergometer, Nuclear Design, Pediatric, Recumbent, and Supine egometers • SunTech Tango+ blood pressure monitor • Topaz Systems T-S461-HSB-R signature pad
EXPORT/COMMUNICATION PROTOCOL/FORMAT	TCP/IP; HL7, DICOM, XML and PDF Data export formats: HL7, XML, PDF, and SCP
TECHNICAL DATA	
DYNAMIC RANGE	+316 mV DC
SAMPLE RATE	8000 Hz [125 us] per channel
RESOLUTION	2.576 µV/LSB, 18-bit
COMMON MODE REJECTION	> 120 dB common mode rejection
FREQUENCY RANGE	0.05 – 150 Hz
INPUT PROTECTION	Against defibrillator shock and RF surgery pulses
PATIENT CABLE CONNECTION	15-Pin D-Sub for 10-lead patient cable, AHA or IEC color code, pinch (Stress), and banana with clip (ECG). • Input protection • Type CF applied part • Standard met: DIN EN 60601-1; DIN EN 60601-1-2; DIN EN 60601-2-25; and DIN EN 60601-2-51

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