

The QUINTON® Eclipse™ Premier ECG

Our top-of-the-line ECG product that connects to your HIS and EMR systems

Primary Users

Hospitals and physician offices

Primary Benefits

Ease of use. The device is very easy to operate – anyone who has ever done a 12-lead ECG can run it within minutes.

Connectivity. The Eclipse Premier is compatible with wireless 802.11 networks and Pyramis® (our data management system), and complies with FAA requirements.

Convenience. The full-size wireless cart can be rolled anywhere in your facility. You can upload orders from your HIS/EMR, run tests, and get immediate results with our HeartCentrix connectivity solution.

Efficiency. Perform simultaneous 12-lead acquisition, preview channels in automatic or manual mode on a color matrix display, and store up to 100 ECGs.

Quality. The Eclipse Premier produces clean tracings and stable baselines – you'll get an accurate, usable readout the first time.

Confidence. We use the Glasgow algorithm (GRI) to consider clinically significant criteria (gender, age, race, medication and classification) to interpret patient data. (Ours improves on the basic GRI and provides brief and full interpretation statements.)

Longevity. This durable unit is covered by a comprehensive warranty and service program for worry-free usage.



Top performance and ease of use make this ECG a winner

Receiving timely, high-quality, and accurate ECG results is critical for patient care. The Eclipse delivers the technology a hospital needs with a straightforward menu interface.

- + Enjoy the simplicity of its one-touch STAT ECGs, color active matrix display with 90-degree tilt/swivel screen, dedicated keyboard function keys, and intuitive shortcuts.
- + Be assured: AccuPrint™ feature will prevent ECG printing if lead wires are not properly attached.
- + Choose to print beat-to-beat R-R intervals on reports.
- + Be confident that the device will recognize and accommodate patients with various pacemakers.

Connect with Pyramis and streamline your workflow

Less admin work – more patient care.

- + With its cutting-edge communications abilities, you can quickly receive orders, transmit test results, and make a diagnosis – anywhere, anytime.
- + Eliminate the hassle of scanning and filing hard copies by transmitting test results directly to your EMR/HIS.
- + Helps you manage patient data at the hospital, office, or home office for your convenience.
- + Further save time and reduce errors with the wristband barcode scanner – a favorite among clinicians.

HeartCentrix and Pyramis - exceptional connectivity solutions

Whether you need to move ECG data either into an EMR/HIS or a comprehensive ECG data management system, HeartCentrix and Pyramis will connect your Burdick® and Quinton® devices. With a single sign-on, you'll be able to download information and orders directly to the ECG and upload test results back to the EMR/HIS.

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TECHNICAL SPECIFICATIONS			
DATA STORAGE	100 patient records		
NETWORK CONNECTION	10/100 MBPS Ethernet via RJ45 Compatible with 802.11b or 802.11g wireless networks		
INPUT/OUTPUT	Compact flash interface; Serial RS-232 (9-pin D); Telephone line interface (RJ11C)		
BARCODE SCANNER	Compatible with barcodes in the Code 128 barcode format. Configurable to users specific barcode schema.		
POWER REQUIREMENTS	AC operation Fuses for 115 V Fuses for 230 V Battery operation Battery duration	115/230 V AC +/-10%, 0.80/0.40 A, 50/60 Hz 1.0 A, 250 V type T 0.5 A, 250 V type T 16.8 V NiCd rechargeable battery pack 200 minutes without printing or 100 minutes with continuous printing. Power Conserve feature shuts down after 15 minutes of no use	
PRINTOUT	Printout device Paper dimensions Paper type Chart speeds Gain Printout formats	216 mm thermal dot array 8.5 in x 11 in (US letter) or 210 mm x 300 mm (A4) Thermal-sensitive 10, 25, 50 mm/sec 5, 10, 20 mm/mV 3-, 4-, 6- or 12-channel; additional rhythm formats	
ACQUISITION	Lead selection Modes Frequency response Input impedance Electrode offset tolerance A/D conversion Artifact filter response Data resolution Interpretation	I, II, III, aVR, aVL, aVF, V1, V2, V3, V4, V5, V6; supports Frank X, Y, Z and Nehb D, A, J Automatic, rhythm or manual Meets or exceeds ANSI/AAMI EC11-1991 standard Meets or exceeds ANSI/AAMI EC11-1991 standard +/-300 mV 10 µV LSB 40 Hz, -3 db 500 samples/second, 5 µV Diagnosis, measurements, reason statements	
SAFETY STANDARDS	CSA C22.2 no. 601-1-M90 EN 60601-1-2	UL 60601-1 EN 60601-2-25	EN 60601-1
SAFETY	Leakage current Defibrillation protection	Patient <10 µA, chassis <100 µA To 5000 V, 360 J	
DISPLAY		640 x 480 active-matrix, color, LCD	
KEYBOARD		Full alphanumeric keypad	
ENVIRONMENTAL	Operating temperature Operating and storage relative humidity Operating and storage atmospheric pressure Storage temperature	50°F to 104°F (10°C to 40°C) 25% to 95% non-condensing 700 hPa to 1060 hPa -4°F to 131°F (-20°C to 55°C)	
DIMENSIONS (H x D x W)		49.5 in x 25.625 x 17.125 in (1257 mm x 651 mm x 435 mm) includes cart	
WEIGHT		87 lb (39.5 kg) includes cart	
WARRANTY		3 years on parts and one year on labor; warranty card needs to be returned	

ORDERING INFORMATION	
STANDARD CONFIGURATION	
E10-6 A E 17	Eclipse Premier, English, 115V, SCP, AHA cable, standard paper, disposable electrodes and clips
CUSTOMIZED CONFIGURATION	
E10-6	X X XX
A	115 V
C	230 V
E	SCP only
G	SCP and modem
17	AHA replaceable lead cable, standard paper, disposable electrodes and clips
18	IEC replaceable lead cable, standard paper, disposable electrodes and clips
19	AHA replaceable lead cable, A4 paper, disposable electrodes and clips
20	IEC replaceable lead cable, A4 paper, disposable electrodes and clips
ACCESSORIES AND UPGRADES	
040-1482-00	Eclipse Premier Wireless 802.11b and 802.11g / Ethernet Kit
040-1483-00	Eclipse Premier Barcode Kit
92602-1A	CardioVault ECG Management System

Warranty and service offerings protect your investment

With warranty and service offerings, your investment is protected from unforeseen service costs. Our toll-free technical support is available to answer questions. Onsite parts and labor are also available. Contact your representative to select a program that meets your needs.