



The **Burdick Atria 3100 EKG** is a Powerful electrocardiogram system that can ensure an accurate report. These reports can be viewed edited directly on the mobile cart as well as transmitted to an ERM system at your facility through an ethernet connection or a wireless Bluetooth connection. The Burdick 3100 is a lightweight, compact system that operated either manually or automatically, and can trace 3, 4, 6, or 12 lead ECG. The Burdick EKG comes with a standard keyboard and intuitive menus that make the ECG machine easy to use. The Burdick Atria 3100 can be used on patients ranging from pediatric to adult.

Features

- Stores up to 50 EKGs.
- Manual or Automatic 3, 4, 6, and 12-lead EKG Printouts
- Wireless 802.11, Bluetooth, or Wired Ethernet capabilities.
- Download and upload patient information and test results directly from your EMR system.
- Quickly review, edit, and confirm test results right from the patient's chart.



Specifications

Dimensions

Height: 5.5 In (14 cm)

Width: 15 In (38.1 cm)

Depth: 13.1 In (33.4 cm)

Weight (Including external power supply): 11 lbs (5 kg)

Display

2 x 40 Characters backlit LCD screen

Keyboard

Full alphanumeric keypad plus designated quick keys

Data Storage

50 Records standard

Input Power

AC Operation 100-240 VAC \pm 10%, 50-60 Hz \pm 3 Hz

Battery

Duration: 55 minutes continuous printing

Printer

Printout Device: 216 mm thermal dot array

Paper Dimension:

8.5" x 11" (US letter)

210mm x 300mm (A4)

Paper Type: Thermal sensitive (Burdick Assurance or HeartLine paper recommended)

Chart Speeds: 12.5, 25, 50 mm/sec

Acquisition

Lead selection: I, II, III, aVR, aVL, aVF, V1, V2, V3, V4, V5, V6 and Alternate Chest Lead (chest lead selection V2R through V9R, V7, V8, and V9).

Modes: Automatic, automatic rhythm, or manual rhythm.

Frequency Response: Meets or exceeds ANSI/AAMI EC11-1991 and IEC 60601-2-51 standards.

Input Impedance: Meets or exceeds ANSI/AAMI EC11-1991 and IEC 60601-2-51 standards.

Electrode Offset Tolerance: \pm 300 mV

Sampling: 8000 Samples/Sec. 2.5 μ V LSB

Artifact Filter Response: 40 Hz, -3db

Storage: 500 samples/second, 2.5 μ V LSB

Pacemaker Display Capability: Meets or exceeds ANSI/AAMI EC11-1991 standard and IEC 60601-2-51

Interpretation (Optional): Diagnosis, measurements, reasons statements based on five demographic criteria

