

Single Channel Electrocardiographs

Simple operation and accurate analysis

Resting ECG System

When your practice calls for a simple solution for routine ECG testing, look to Burdick for single-channel electrocardiographs. They feature easy-to-use interfaces and are ideal for private offices and smaller clinics. Plus minimal maintenance requirements will help you keep a smooth running practice.



The Elite II provides simultaneous acquisition and analysis on all 12 leads

Elite II – Advanced Features in a Low-cost Package

The Elite II features a diagnostic interpretation option using the proven University of Glasgow (UG) algorithm. Unlike competitive products, which limit algorithm criteria to age, the UG algorithm bases its analysis on five clinically significant criteria: gender, age, race, medication and classification.

Plus it offers automatic measurements of critical rates and intervals. You'll receive simultaneous acquisition and analysis on all 12 leads. Data is printed in single channel or 12-lead format for easy mounting. The Elite II has an optional modem allowing you to transmit ECGs to other locations.

Portable, Battery Powered

The Elite II offers easy, one-touch button operation saving time in a busy environment. It is completely portable, weighing just 9 lbs. The Elite II operates on either AC or battery power, performing up to 50 ECGs on a fully charged battery. The Elite II has storage for 30 patient records helping improve workflow. High-resolution thermal paper produces crisp, accurate traces.

EK-10 Offers Easy, Single Step Operation

The Burdick EK-10 single-channel electrocardiograph features a simple one-button, soft touch membrane keypad. It provides the necessary information to make a quick and accurate diagnosis. The EK-10 is ergonomically designed with a built in handle for portability – perfect visiting practitioners.

Reliable, Accurate Information

The EK-10 produces clear, crisp ECG traces providing reliable and accurate information. This will help you make the crucial decisions. Each strip is labeled with calibration pulse, patient ID and acquisition parameters to aid your analysis.

Consistent, Excellent Quality Tracings

The thermal array printer provides reports in a single channel format. With our Assurance® fade free paper, you'll get excellent trace quality for accurate diagnosis.



The EK-10 offers simple, one-touch button operation

Features

- Easy, one-button operation saves time
- Single channel, 12-lead format
- Lightweight and completely portable
- Optional diagnostic interpretation using University of Glasgow algorithm
- Optional fax with an internal modem
- Stores up to 30 ECGs

BURDICK®

Single Channel Electrocardiographs

TECHNICAL SPECIFICATIONS	
Dimensions	11" x 13" x 3.25" (280 mm x 330 mm x 81 mm)
Weight (including battery)	9 lbs. (4.1 kg)
Display	2 x 20 character LCD
Keyboard	Numeric entry: hardkey control
Input/output	Serial: RS-232 (9-pin D); Signal options: 1 mV input = 1 V output +/- 10%
Power requirements	AC operation: 115/230 V AC +/- 10%, 50/60 Hz; Battery operation: 12.5 V NiCd rechargeable battery pack (optional)
Printout	Printout device: 48 mm thermal dot array; Paper dimensions: 50 mm wide, 45 mm grid, 45.7 m (150 ft.) per roll; Paper type: Thermal-sensitive; Chart speeds: 25, 50 mm/sec. +/- 2%; Printout formats: 1-channel automatic or manual
Acquisition	Lead selection: I, II, III, aVR, aVL, aVF, V1, V2, V3, V4, V5, V6; Modes: Automatic or manual; Frequency response: 0.05 Hz to 30 Hz, -3 dB (filtered); meets or exceeds ANSI/AAMI EC11-1982 standard; Input impedance: >50 Mohms; Electrode offset tolerance: +/- 300 mV; A/D conversion: 12 bits, 5 μ V LSB
Environmental specifications	Operating temperature: 50°F to 104°F (10°C to 40°C); Storage temperature: -29°F to 158°F (-34°C to 70°C); Relative humidity: 15% to 90% non-condensing
Conforms to standards	IEC 601-1 / CSA C22.2 no. 601-1, IEC 601-2-25 / CSA C22.2 no. 601-2-25, IEC 601-1-2 / CSA C22.2 no. 601-1-2, CSA C22.2 no. 125-M1984, ANSI/AAMI EC11-1982
Safety	Leakage current: Patient <10 μ A, chassis <100 μ A; Defibrillation protection: To 5000 V, 360 J
Warranty	Three years parts and labor

Warranty and Service Offerings Protect Your Investment

With comprehensive warranty and service offerings, Burdick helps protect your investment from unforeseen service costs, providing one less thing to worry about. The EK-10 and Elite II cardiographs come with three-year warranties when the warranty card is returned. Reliable service and technical support back Burdick products and is free during the warranty period. We offer a generous loaner program in the unlikely event of a system failure.


ORDERING INFORMATION

101070	EK-10 ECG, English, AHA (120V)
101169	EK-10 ECG, English, AHA (220V)
101142	EK-10 ECG, Spanish, IEC (110V)
101223	EK-10 ECG, Spanish, IEC (220V)
101165	Elite II ECG, English, AHA (110V)
101166	Elite II ECG, German, IEC (220V)
101167	Elite II ECG, French, IEC (220V)
101168	Elite II ECG, Spanish, IEC (220V)
101230	Elite II ECG, English, AHA (110V) with communications
862278	NiCd rechargeable battery pack
007039	Soft-shell carrying case
008022	Universal cart (with steel casters)
008046	Universal cart (with nylon casters)
008008	Light-duty cart
704-0102-00	Clear Choice® Lead Adapters
047029	CardioSens® ULTRA II disposable electrodes
007036	Folder mount, pressure-sensitive
007037	Card mount, pressure-sensitive
007975	Assurance® fade-resistant paper

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