

ic lows™

recording time
MB SRAM card
to any standard

for full editing,
and printouts
professional ECG

EGs from the
lows™ software
cardiologist
fully automated
software for both

With CardioStore you can:

- Record up to 20 minutes of ECG data
- Store up to 1000 ECGs on a 1MB SRAM card
- Edit ECGs on a PC using the CardioStore software
- Print out ECGs on a PC using the CardioStore software
- Upload ECGs to a PC using the CardioStore software

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Hand-held diagnostic ECG unit with Windows software

Key features

- Full diagnostic-quality digital ECG recording
- Six limb lead data: I, II, III, aVL, aVR and aVF
- Heart rate monitor and respiratory rate/apnoea monitor
- Monitor heart rates up to 800bpm
- For use on horses to rodents
- Rechargeable, battery-powered, hand-held unit
- 20 minutes ECG recording with standard
- Replay the ECG on a PC using the CardioStore software
- Upload to a PC using the CardioStore software
- Produce fast, professional reports
- Fax or e-mail ECGs directly to your PC
- Upgradeable to interpretative software for dogs and cats



Anaesthetic
Monitoring

Anaesthetic Monitoring

CardioStore

Hand-held diagnostic ECG unit with Windows™ software

Technical Specification

Mechanical	
Dimensions	17cm x 11cm x 5cm
Weight	450g
Construction	ABS plastic in ivory with tilt feet
General	
Screen size	58 x 30mm viewing area
Screen type	Reflective LCD 128 x 64 pixels
PCMCIA card	2MB non-volatile data storage
ECG lead connection	25 way D-type latched socket

CardioStore is especially for the veterinary market. It is a hand-held, 12-lead, digital diagnostic recording system developed especially for the veterinary market.

CardioStore can record and safely save your patient's ECGs on a small RAM card for use at a later date.

There is a clear liquid crystal display that lets you see your patient's ECG during record or replay mode and optional beeps can be used to keep an ear on your patient during anaesthesia. The unit has fully functional alarms for heart rates or apnoea.

Once recorded, the patient's ECG can be uploaded to a PC via the parallel (printer) port, or via our USB card reader.

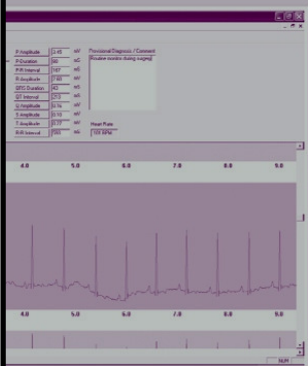
CardioStore comes with a fully-dedicated Windows™ program for rapid report generation.

Quick on-screen measurements can be made with a mouse on all the major ECG parameters and the ECG can be stretched or compressed for optimum viewing.

CardioStore offers all the features of a bigger unit and more, in a small, versatile package with extended Windows™ facilities.



Phono-type
4 x AA batteries
NimH, alkaline or NiCad.
65mW
12.5mA nominal
Flat from 0.05Hz to 100Hz
12 bit-4096
+/- 5mV
600 samples/second
100uV to 5mV
10 to 800
25 mm/second
5 to 800 bpm
10 bpm
Lead II R-wave detection
Skin electrodes
5M ohms
1 to 100 breaths per minute
5 to 60 seconds
5 seconds
Thermal
NTC thermistor
In-line



PC connection

Respiratory connection

Electrical supply

Power

Current consumption

Frequency response

A/D converter

A/D range

Sampling rate

ECG Amplifiers

ECG amplifier sensitivity range

Heart rates

Sweep speed

Alarm limits

Heart rate alarm increments

Counting method

Sensors

Input impedance

Respiration

Rates

Apnoea alarm limits

Apnoea alarm increments

Detection method

Sensor

Placement

