



WHEN YOU'VE A busy morning operating, you want an anaesthetic monitor that is quick to use, but gives solid, reliable information on your patient.

You don't want to spend five minutes getting your monitor to work. Sometimes, five minutes is all the time you have to do the op! That's why we designed the ERM-8010. This battery-powered unit can be connected to a patient and show heart rate, respiratory rate and a real-time ECG in seconds. What's more, it will go on showing this information and alert you to changes in heart rate or periods of apnoea if they occur.

The ERM-8010 is:

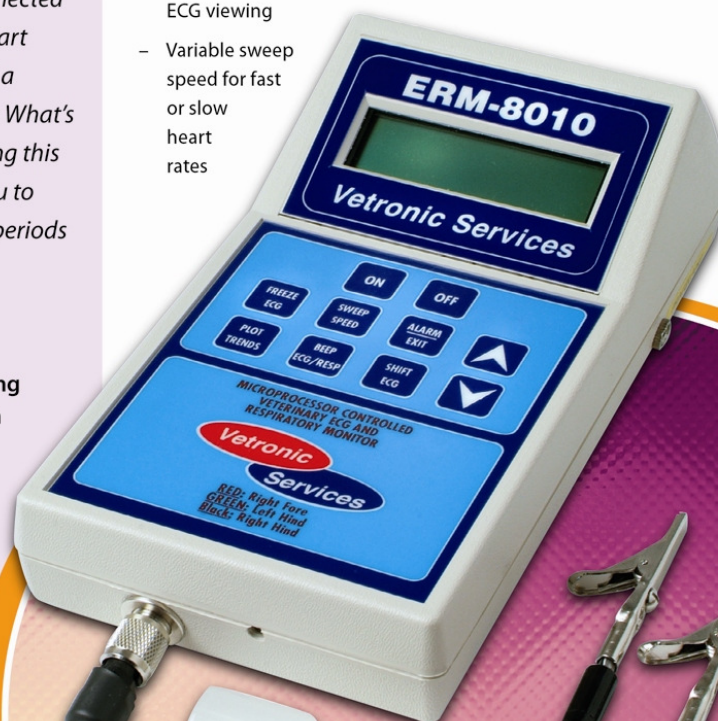
- ✓ Capable of monitoring heart rates up to 800bpm
- ✓ A very sensitive apnoea/respiratory monitor
- ✓ Able to give clear visual feedback on patient status
- ✓ For use on all species
- ✓ Very simple to use

The ERM-8010

Quick, reliable anaesthetic monitoring

Key features

- Rapid, reliable patient monitoring
- Unobtrusive hand-held unit
- Suitable for all species
- Adaptor clips available for very small animals
- Indoor or outdoor use
- Freeze-screen facility for improved ECG viewing
- Variable sweep speed for fast or slow heart rates
- Easily settable alarms for heart rate and apnoea
- Optional beeps for QRS and breath detection
- View the last 60 minutes of heart and respiratory rate data
- Extensive battery life
- Print-out available using our optional thermal printer



Anaesthetic Monitoring

The ERM-8010

*Quick, reliable
anaesthetic monitoring*

The ERM-8010 is a very sensitive ECG monitor that typically detects and displays a Lead II ECG in real time.

With easily-configurable alarms, the monitor can alert you to rising or falling heart rates and the display is easily readable for viewing gross ECG abnormalities, such as atrial fibrillation or heart block.

A common use is to monitor toxic patients for ventricular ectopics during a pyo or gastric torsion.

The respiratory monitor uses an in-line sensor that fits into your ET tube and records the respiratory rate and can alert you to periods of apnoea in a range from five to 60 seconds.

The ERM-8010 also has a trend feature that stores the heart and respiratory rate every 60 seconds. This is displayed on the screen, so that at any time the trend for the past hour can be seen.

The unit has an extensive battery life. One standard 9-volt battery will give a working life of 250 hours – equivalent to more than four months of everyday use.

With the optional thermal printer, you can print and save the ECG at full diagnostic quality.

Technical Specification

Mechanical	
Weight	475g
Width	100mm
Height	55mm
Depth	190mm
Construction	ABS plastic (grey)
Display area	60.5 x 18.5 mm
Electrical	
Power source	9 volt PP3 battery
Power consumption	25mW
Current	2.5mA
Amplifiers	
ECG:	
Amplifier sensitivity range	100uVto5mV
Heart rates	10 to 800
Sweep speed	12.5, 25 and 50mm/second
Alarm limits	10 to 600bpm
Heart rate alarm increments	10 bpm
Counting method	Lead II R-wave detection
Sensors	Skin electrodes
Input impedance	5M ohms
Respiration:	
Rates	1 to 150 breaths per minute
Apnoea alarm limits	5 to 60 seconds
Apnoea alarm increments	1 second
Detection method	Thermal
Sensor	NTC thermistor
Placement	In-line

