

## Portable ECG/Respiration Monitor



This small, portable monitor is ideal for following the animal's progress during and after anesthesia. It features six leads, isolated ECG, and a thermally activated respiration sensor. The lead selector permits display of various lead combinations on the large backlit LCD display. The heart rate is also displayed in large numbers at the lower right of the screen. Audible alarms can be set to alert the user when upper and lower limits of heart and respiration rates are reached.

The ECG waveform is scrolled across the screen and entered into memory for later recall. The monitor offers three power supply modes:

- Lab use with the AC power cord
- Transport or field use with its internal rechargeable NiCad batteries
- Extended field use with a 12 volt storage battery

The Portable ECG/Respiration Monitor is supplied complete with a comprehensive owner's manual, AC power cord, rechargeable NiCad batteries, 12 volt storage battery and carrying case for storage and transport. An extension cable, wall bracket and dedicated PC software are offered as accessories.

- Two modes:
  - Monitor mode allows user to set upper and lower heart rate alarm and respiration rate with apnea alarm
  - EKG diagnostic mode for exact measurements in six lead format
- 6 lead capability: I, II, III, aVr, aV1, aVf
- Parallel printer output to generate permanent records
- ECG data interface with IBM compatible PC's
- Continuous memory
- Respiration and heart rate audible alarm
- Heart rate display from 9 to 900 beats/min (i.e. from horses to birds)
- Ability to scroll back to the previous 40 screens and roll through all six leads while alarm scanning continues

### Specifications

<b>Amplifiers</b>	Optically and inductively isolated
<b>Sensitivity</b>	EKG waveform adjustable from 2 mV/cm to 0.25 mV/cm over 4 settings
<b>Selectable Filtering:</b>	-3 dB points
<b>Monitor Mode</b>	22 to 1.5 Hz
<b>Diagnostic Mode</b>	70 to 0.25 Hz
<b>Common Mode Rejection</b>	> 40 dB at 50 Hz
<b>Input Impedance</b>	> 10 MW at 10 Hz
<b>Power Supply</b>	AC line or internal NiCad batteries
<b>NiCad Battery Life</b>	2 hrs. with back light; 10 hrs without back light
<b>Dimensions, H x W x D</b>	157 x 210 x 63 mm (6 x 8 x 2-1/2 in)
<b>Weight</b>	1.2 kg (2.5 lb)

Catalog No.	Product
<b>CGS 8197.72</b>	Portable ECG/Respiration Monitor, 115 VAC, 60 Hz
<b>CGS 8198.72</b>	Portable ECG/Respiration Monitor, 230 VAC, 50 Hz
<b>CGS 8199.72</b>	Extension Cable for Electrode Leads; 2 m (6 ft) long; Suitable for Larger Animals
<b>CGS 8200.72</b>	Wall Bracket for Mounting Portable ECG/Respiration Monitor to Wall
<b>CGS 8201.72</b>	Dedicated PC Software permits downloading of collected data to PC for further analysis or archiving