to measure blood flow in a chamber or vessel.

(b) **Classification.** Class II (performance standards).

§ 870.2300 **Cardiac monitor (including cardiotachometer and rate alarm).**

(a) **Identification.** A cardiac monitor (including cardiotachometer and rate alarm) is a device used to measure the heart rate from an analog signal produced by an electrocardiograph, vectorcardiograph, or blood pressure monitor. This device may sound an alarm when the heart rate falls outside preset upper and lower limits.

(b) **Classification.** Class II (performance standards).

§ 870.2310 **Apex cardiograph (vibrocardiograph).**

(a) **Identification.** An apex cardiograph (vibrocardiograph) is a device used to amplify or condition the signal from an apex cardiographic transducer and to produce a visual display of the motion of the heart; this device also provides any excitation energy required by the transducer.

(b) **Classification.** Class II (performance standards).

§ 870.2320 **Ballistocardiograph.**

(a) **Identification.** A ballistocardiograph is a device, including a supporting structure on which the patient is placed, that moves in response to blood ejection from the heart. The device often provides a visual display.

(b) **Classification.** Class II (performance standards).

§ 870.2330 **Echocardiograph.**

(a) **Identification.** An echocardiograph is a device that uses ultrasonic energy to create images of cardiovascular structures. It includes phased arrays and two-dimensional scanners.

(b) **Classification.** Class II (performance standards).

§ 870.2340 **Electrocardiograph.**

(a) **Identification.** An electrocardiograph is a device used to process the electrical signal transmitted through two or more electrocardiograph electrodes and to produce a visual display of the electrical signal produced by the heart.

(b) **Classification.** Class II (performance standards).

§ 870.2350 **Electrocardiograph lead switching adaptor.**

(a) **Identification.** An electrocardiograph lead switching adaptor is a passive switching device to which electrocardiograph limb and chest leads may be attached. This device is used to connect various combinations of limb and chest leads to the output terminals in order to create standard lead combinations such as leads I, II, and III.

(b) **Classification.** Class II (performance standards).

§ 870.2360 **Electrocardiograph electrode.**

(a) **Identification.** An electrocardiograph electrode is the electrical conductor which is applied to the surface of the body to transmit the electrical signal at the body surface to a processor that produces an electrocardiogram or vectorcardiogram.

(b) **Classification.** Class II (special controls). The device is exempt from the premarket notification procedures in subpart E of part 807 of this chapter subject to the limitations in §870.9. The special control for this device is the FDA guidance document entitled “Class II Special Controls Guidance Document: Electrocardiograph Electrodes.” See §870.1(e) for availability information of guidance documents.


§ 870.2370 **Electrocardiograph surface electrode tester.**

(a) **Identification.** An electrocardiograph surface electrode tester is a device used to test the function and application of electrocardiograph electrodes.

(b) **Classification.** Class II (performance standards).

§ 870.2390 **Phonocardiograph.**

(a) **Identification.** A phonocardiograph is a device used to amplify or condition the signal from a heart sound transducer. This device furnishes the excitation energy for the transducer and