

Why is it called a Heart Sound Recorder and how is it different than an Echocardiogram, an ECG or EKG?

Echocardiogram:

- is an ultrasound of the heart, producing a moving image on the screen, not a graph

Electrocardiograph (ECG or EKG):

- records the electrical events of the heart

Heart Sound Recorder:

- is recording mechanical events
- captures the low frequency sounds of the heart valves when they close
- allows the practitioner to see what he cannot hear

Why called a Heart Sound Recorder ?

Figure 3. Relationship between the range of sounds produced in the heart and the threshold of audibility of the human ear.

