

# ELECTROCARDIOGRAM / ELECTROMYOGRAM

Reference : PS-2111



Our electrocardiogram is used to measure the heart rate and record the electrical potential generated by the heartbeat. The measurements are done by placing 3 electrodes directly on the student's skin (at the wrists and arms).

#### Common applications:

Study of cardiac activity, effect of physical activity on cardio-respiratory parameters, adaptation to exercise. This material is educational and not medical.

#### Technical characteristics:

- Measurement range: 0 to 4.5mV for the EKG and 47 to 250 beats per minute
- Resolution: 4.5  $\mu$ V
- Max sampling rate. : 1,000Hz
- The sensor has an integrated circuit that protects the student from the current.
- The electrodes are gelled and self-adhesive.