

V-CHECK

V-check is a portable device, which can be used in day to day lives in order to keep a check on the various health parameters of the body. This is a method that can be used as an alternative to the conventional system of going to a hospital and getting the various tests done, which consumes time and is more costly. V-check is designed so as to save time and money. Our project concept describes the design of microcontroller based measurement for heart rate, temperature and oxygen saturation pressure (SPO2), by the insertion of a coin .The various observation results are displayed simultaneously on an LCD screen. The insertion of coin is detected by the metal detector which initiates the microcontroller, heart rate sensors, temperature sensor LM35 and the SPO2 sensor. The microcontroller used is PIC16F877A.

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