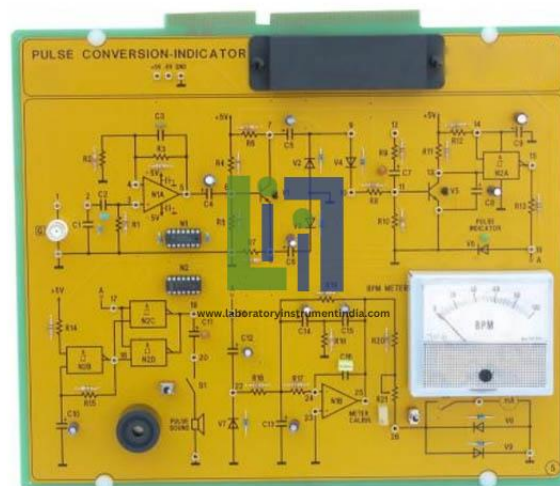




Email : sales@laboratoryinstrumentindia.com

**Product Name :**  
Pulse Conversion

**Product Code :**  
LBNY-0005-12400037



### **Description :**

In this course students will study some circuits for analogue to pulse conversion, sound indicator and analogue frequency meter. This board does not substitute the medical device under study. The events monitoring systems such as the frequency of the cardiac pulsations, the breathing frequency, etc., require that an analogue signal be converted to pulses and visualized on a display in order to be measured. They are just for demonstration purposes. The results of the experiments have no medical value.

### **Circuit blocks of Pulse Conversion**

Measurement of the frequency of a periodical signal.  
Circuit for the conversion of an analogue signal to a pulse signal.  
Evaluation of the average cardiac frequency.

### **Technical Specification :**

#### **Theoretical topics of Pulse Conversion**

Role of the measurement of the frequency  
Instruments for the measurement of the frequency for biomedical applications  
Difference between analogue and digital meters  
Role of the analogue-pulsed conversion  
Role of the audio and visual signaling  
Different types of pulse generators  
Description of a conversion block  
Description of an audio signaling block  
Description of a visual signaling block

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Different types of visual and audio indicators.



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