



### Respiration Rate Monitor using Microcontroller

- Real Time ADC, 6 Channel USB Trainer Kit or
- 6 channel USB interfacing physiograph Trainer Kit
- 6 Analog Inputs through 3 pin connectors
- Amplified output to PC through USB
- Onscreen selection of Output, Select 1, 2, 3.... 6 signal at same time

### Technical Specification:

- Number of Channels: 6 Channels, Configuration : Differential
- Voltage Measurement Range:  $\pm 5V$  Full Scale
- Input impedance:  $2 M\Omega$ , differential, Isolation: none,
- Overall inaccuracy:  $\pm 50mV$  (at  $25^{\circ}C$ )
- Minimum common mode rejection: 40db @ 50-60 Hz and @  $25^{\circ}C$
- Analog frequency response: -3db @ 10 KHz
- Power Supply No external power Supply
- Dimensions 250 X 75 X 250 mm $\pm$
- Scope of Study (Experiment):
- Study of Multiple Signals at a same time
- Measurement Voltage, Time, Frequency,
- Stop & Run Signal, Save, Open, Print & Study
- For depth study can be select on e signal.
- Change the colour, Mode, Digital Values, Excel, etc

Operating Manual with working of instrument, operating & installation procedure, Block diagrams, connection diagrams & etc.

Note: Specifications are subject to change.