



Respiration Rate Monitor using Microcontroller

- Respiration Rate Monitor Trainer using Microcontroller.
- Real Time Respiration Rate Monitor, LCD Display 16 X 2, Key Board 4x1 matrix. Piezoelectric Transducer, Output up to $5V_{pp} \pm$, Output Rate Pulse, Tachypnea and Apnea indicator, Self-Test. Set Apnea period & Indication. Real time wave measurement, DSO output through 4mm socket, Test point on the top of instrument.
- Power Supply 230/50Hz, Dimensions 250 X 75 X 250 mm \pm

Study on Respiration Rate Monitor

Respiration Rate the number of respiration beats per minute. Study of Respiration Rate, PZT transducer, Signal processing, Tachypnea & Apnea working, Placement Transducer, Amplification, Filters, Gain, Comparator, & etc.

Other Models

SN.	Order Code	Name of Item
01.	BM2161	Respiration Rate Meter LED
02.	BM2163	Respiration Rate with Simulator
03.	BM2164	Respiration Rate Simulator
04.	BM2165	Pressure Amplifier
05.	BM2166	Spiro meter / PFT
06.	BM2167	Ventilator
07.	BM2168	Nebulizer

Operating Manual with working of instrument, operating & installation procedure, Block diagrams, connection diagrams, Electrodes placement, Standard signals & actual output signal, Calculations, Tables, Trouble shooting, Experiments list & etc.

Optional PC connectivity

Note: Specifications are subject to change.