



Heart Rate Indicator/Monitor using Microcontroller Trainer

- Real Time Finger Heart Rate Monitor, Finger Plethysmograph, Pulse Monitor.
- Monitor with using Microcontroller.
- LCD Display 16 X 2, Key Board 4x1 matrix
- Output Rate Pulse, PPG, HI, LO, Audio, Self Test.
- Optical Transducer, Threshold adjustable.
- Visible & Audible indication DSO output through 2mm socket.
- Test point on the top of instrument output through 2mm Socket.
- Power Supply 230 \pm 10%, 50Hz, Dimensions 260 X 75 X 200 mm \pm

Study on Heart Rate Indicator

Study of Microcontroller application for Heart Rate Measurement. Heart rate the number of heart beats per minute. Study of Heart Rate, Finger Optical transducer, signal processing, Placement of Electrodes, Amplification, Filters, Gain, Comparator, Pulse Measurement Technique, Voltage & Frequency responses, etc.

Other Models

SN.	Order Code	Name of Item
01.	BM2151	Heat Rate Indicator LED
02.	BM2152	Heat Rate Indicator Microcontroller
03.	BM2153	Finger Plethysmograph
04.	BM2154	Peripheral Pulse Monitor
05.	BM2155	Pulse Oximeter

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.