



## DIGITAL PULSE MONITOR

***The Digital Pulse Monitor uses a finger sensor to monitor pulse rate and rhythm.***

***It is extremely useful in anaesthesia, general surgery, medicine, exercise testing, sports medicine and Bio-research.***



### **Features**

- \* Continuous indication of the Pulse Rate on digital meter
- \* Low / High Rate Alarm indicated by light emitting diode and beeper
- \* No messy wiring – the pick up is by a simple opto – electronic transducer, conveniently strapped on the finger
- \* Very fast and simple to use
- \* Provision for mains operation using battery eliminator.

### **Operation**

Just strap the opto-pulse transducer on the thumb/finger with velcro straps. Slide power switch ON. The pulse rhythm is indicated by red LED flashes and electronic beeper. The digital meter will display the Pulse in beats per minute. LED/Beeper alarm is given if the pulse rate exceeds or falls beyond/below preset limits.

### **Technical Specifications**

Detection principle : Finger Plethysmography.

Sensor System : Opto-electronic transducer on finger.

Electronic Circuitry: Digital integrated circuits.

Heart-Rate Range : 20 to 300 beats per minute.

Accuracy :+ 3 % of reading.

Power : 220 or 110 volts/50 Hz mains supply using battery eliminator.

Alternately,6 Pentorch cells; Eveready No.1015 or equivalent

Size/Weight : 16 x 9 x 5 cms/ 400grams.

### ***Manufactured by:-***



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**EEC's Product Range** :- Biomonitor \* Ultrasonic Foetal Monitor \* Apnea Monitor \*Vascular / Blood Flow Doppler \* Electronic Stethoscopes \* Electronic Blood Pressure \* Pulse / Heart Rate Monitors \* Cardiac Fibrillator \* Tele-Thermometer \* Syringe Infusion Pump \* Algometer \*Electromyograph \* Phonocardiograph \* Animal Activity Monitor \* Neonatal Monitors