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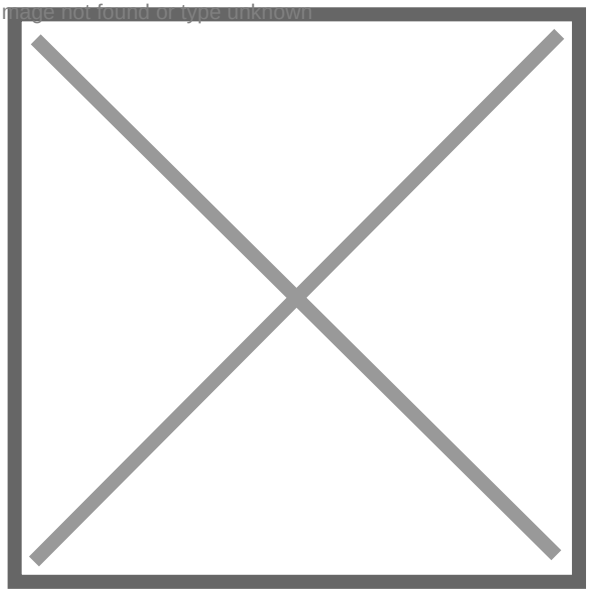
Product Name :

Blood Pressure Monitor

Product Code :

SCL1409/03

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Description :

This Blood Pressure Monitor is a compact, fully automatic digital monitor that reads blood pressure and pulse rate by the oscillometric method. One press of the button inflates the arm cuff, lets it down and shows systolic pressure, diastolic pressure and pulse. Biology and health-education classes use it to show how the circulation responds to rest and light exercise.

Blood pressure monitor functions

Parameter	Detail
Type	Compact, fully automatic digital blood pressure monitor
Measuring principle	Oscillometric
Readings	Blood pressure and pulse rate
Operation	One-touch
Inflation	Controlled inflation without pressure pre-setting or re-inflation
Cuff size	Listed as fitting arm circumference 22 cm; full cuff range not stated
Additional functions	Irregular heartbeat detection; body movement indicator (as listed)
Range alert	Blinks when systolic or diastolic pressure is outside the standard range
Intended use	Mainly designed for general household use
Product code	SCL1409/03
Minimum order	10 units
Dispatch	Usually within 7 to 10 working days
Supplied by	ScienceLab (Jain Scientific Equipments Pvt Ltd), Ambala, India

Circulation lessons with the blood pressure monitor

Taking a resting reading. The student being measured sits with the back supported and feet flat, and rests quietly for a few minutes timed on a digital stopwatch. Lay the arm on the bench so the cuff sits at heart level, wrap the cuff on the bare upper arm and press the button once. Stay still and silent until the display shows the result, then record all three values.

Light exercise and recovery. After the resting reading, the student steps on and off a low step for a fixed time, sits down and is measured at once, then again every few minutes until the values settle. Students who are unwell or excused from exercise act as timers and recorders instead. Graph pressure and pulse against time.

Linking the numbers to the heart. Use a human heart model to point out the left ventr
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