



Product Overview

The Student Physiograph (Single Channel) is a compact and cost-effective physiological recording system designed specifically for academic environments. Tailored for student laboratory experiments, it offers essential features for recording basic biopotentials such as ECG, EMG, or EEG on a single channel. With built-in signal amplification and all necessary accessories included, it serves as an ideal tool for hands-on learning in physiology and biomedical engineering courses.

Features

- **Single-Channel Input:** Designed for basic recording of physiological signals like ECG, EMG, or EEG.
- **Signal Amplification:** Built-in amplifier enhances biopotential signals for clear output.
- **Compact Form Factor:** Lightweight and space-saving design ideal for student workbenches.
- **Paper-Based Recording:** Supports recording on chart paper for easy interpretation.
- **Easy Setup:** Simplified interface for quick learning and operation by students.
- **Durable Construction:** Robust design for repeated academic use.

Scope of Supply

- Student Physiograph Main Unit
- Set of Electrode Pads
- Lead Wires

Note: Specifications are subject to change, Photos shown above are Indicative, Actual Product can Vary.



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- Paper Roll(s) for Recording
- Power Adapter
- Instruction Manual

Technical Specifications

Parameter	Specification
Input Channels	1
Signal Types	ECG / EMG / EEG (one at a time)
Amplification	Built-in analog amplifier
Recording Medium	Paper Roll (chart type)
Sensitivity Range	Adjustable (typ. 10 μ V – 10 mV)
Frequency Response	0.5 Hz to 500 Hz
Paper Speed	Adjustable (10 mm/s, 25 mm/s, etc.)
Power Supply	220V AC
Dimensions	Approx. 250 x 150 x 100 mm
Weight	Approx. 2 kg

Applications

- Undergraduate Physiology and Biomedical Labs
- Demonstration of Biopotentials in Academic Settings
- Introductory Training in ECG/EMG/EEG Signal Recording
- Hands-On Practical Sessions for Students

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