

KL-730 Biomedical Measurement Training System



The Biomedical Measurement Training System (KL-730) provides a platform for students to learn how to extract various body signals using bio-electronics sensors. There are a total of 12 modules covering a variety of topics, including: Electrocardiogram (ECG), Electromyogram (EMG), Electrooculogram (EOG), Electroencephalogram (EEG), Blood pressure (BP), Photoplethysmogram (PPG), Respiratory ventilation detection, Pulse meter measurement, Body impedance detection, Doppler ultrasound blood velocity measurement, and Respiration flow/vital capacity meter measurement.

Through the system, students can construct a circuit to process and convert signals into readable forms for further observation and analysis. Also, hands-on practices and experiments allow students to understand the characteristics of various bio-electronics sensors and transducers.