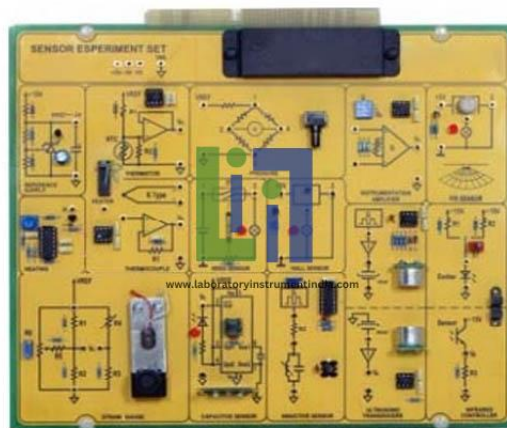




Email : sales@laboratoryinstrumentindia.com

Product Name :
Sensor Experiment Set

Product Code :
LBNY-0005-12400046



Description :

With this board the students can learn to use a wide range of sensors such as those of temperature, of pressure, Hall sensor, strain gauge, capacitive, inductive, ultrasonic and infrared sensors. The design and construction of electronic circuits to solve practical problems is an essential technique in the fields of electronic engineering and computer engineering.

Circuit Blocks:

Measurement of T through a thermocouple
Measurement of T through a thermistor
Measurement of the deformation through a strain gauge
Inductive sensor
Pressure Sensor
Use of the capacitor sensor
Magnetic switch
Hall sensor
Infrared transmission and reception
Transmission and reception of ultrasonic signals.

Technical Specification :

Theoretical Topics:

Applications of the Wheatstone
Types of fluid pressure measurements
Measurement of the deformation through a strain gauge

Capacitive sensors
Inductive proximity sensors
Absolute pressure sensor
Pressure transducers
Passive Infrared Sensors
Measurement of the temperature through a thermistor
Measurement of the temperature through a thermocouple
Gauge pressure sensor
Differential pressure sensor
Ultrasonic transducers
Fault simulation
Reception of ultrasonic signals
Infrared transmission and controller.



Laboratory Instrument India