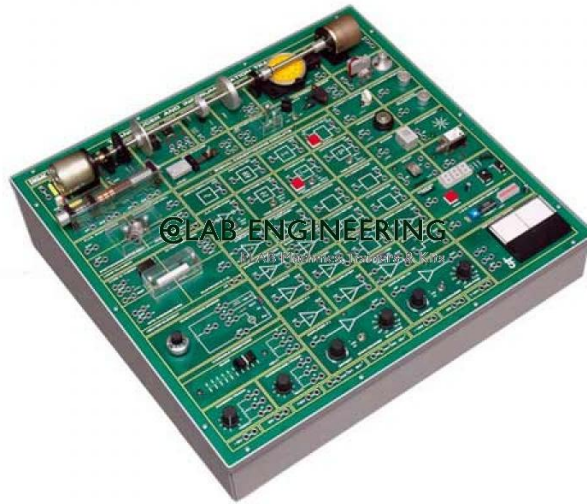


Product Name :
Transducer and Instrumentation Trainer Kit

Product Code :
EELELABT10001



Description :

Transducer and Instrumentation Trainer Kit

Technical Specification :

Features-

On board Circuits block diagram, Different test and measuring points, On board +5v ,+12v and -5v power source , Analog Voltmeter to measure output, Different type of transducers learning Input 230 AC voltage operated,.

Topics covered....

Technical Specification- 0 to 15v DC Analog Volt-meter to measure output , 5V TO 12V operated circuitry ,Test points for measuring , Concept diagrams printed on PCB, Facility to measure output voltages using voltmeter.Easy to plug and play on board voltage source, Bridge rectifier to remove ripples,

Sensors:-

Sensors

LVDT: AC TO AC 20mm linear variable transducer to measure displacement, , Microphone for converting sound signal into electrical signal with a high gain amplifier, Temperature sensor with change 10mv/1 Degree, NTC

type thermistor temp sensor, J Type thermocouple: For measuring high temp with high accuracy , Sound Indicator: Provide high volume beep,

HALL SENSOR: WH315 sensor is used to sense magnetic field and study of hall effect,

STRAIN GAUGE: Strain gauge for measuring stress and force and O/P with high gain amplifier,

ULTRASONIC TRANSRECEIVER: Ultrasonic sensor for measuring distance upto 252 inch.

HUMIDITY SENSOR: To Measuring environment humidity and gives analog voltage

Light depended resister whose resistance vary with respect to light, Photo Transducers: photo diode ,photo transistor ,photo voltaic cell photo conductive cell, Linear variable capacitor (LVC).

Output transducers

Heat Output

Light Output

Rotational Output

Sound output

Linear Movement Output

Event Count/Time Indication

Voltage Indication

Signal Conditioning circuitry

Amplifiers

Oscillators and Filters

Mathematical operations

Convertors

Miscellaneous

We are well-known manufacturers, OEM suppliers of Transducer and Instrumentation Trainer Kit for Electrical Labs Equipments. Contact us for high quality Transducer and Instrumentation Trainer Kit for Electrical Labs Equipments for schools lab, college lab, universities, research labs, various teaching and workshop training laboratories and industries in India.



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