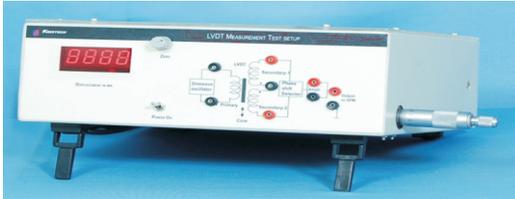


# INSTRUMENTATION TRAINER KIT

A Friend in Need

**HITECH**  
ELECTRONICS

## LVDT TRAINER KIT



In Built Display :- 3 ½ Digit  
Range :- 0 to 20 mm or -10 to +10 mm  
O/P Voltage :- 3VAC rms max.  
Excitation Freq :- 1.5KHz Sinewave

## STRAIN GAUGE TRAINER KIT



In Built Display :- 3 ½ digit (Kg or mstrain)  
Accuracy :- 0.5% +/- 2 digits  
Resolution :- 0.01Kg  
Range :- 0 to 5Kg

## ON-OFF CONTROLLER TRAINER



Power:-230VAC50Hz.  
Max. Temperature Range: Up to 100°C  
Temperature Indicator & Control Unit.  
Sensor: RTD, Thermocouple (J & K type)

## PID CONTROLLER TRAINER



Power:-230VAC50Hz.  
Max. Temperature Range: Up to 100°C  
PID Control Unit (P, PI, PID) with Digital  
Display Inbuilt programming facility.

## PRESSURE TRANSDUCER TRAINER KIT



Pressure Vessel:- Cylindrical,  
Capacity: 10Kg/cm<sup>2</sup>, with 1/2  
Transducers:- Bellows /Diaphragm,  
Bourdon Tube

## HUMIDITY MEASUREMENT TRAINER KIT



Digital Hand Held Battery Operated Device  
20 to 90% Humidity Measurement Memory For  
Highest & Lowest Humidity  
Digital display

## OUR OTHER TRAINER KITS

Level and Flow control Using PID, P to I Converter, I to P Converter, Hydraulic/Pneumatic Trainer, Synchro as a Transmitter & Receiver, Potentiometer as error Detector, Control Valve Char. Trainer, PLC Trainer with different application modules.

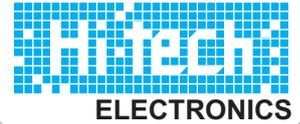
!And Many More.....

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Authorised Dealer

# INSTRUMENTATION TRAINER KIT

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## ROTARY ENCODER TRAINER KIT



Type: Permanent Magnet  
Supply Voltage: 1 2V DC  
Speed: 3000 RPM  
Sensor: Optical contact less

## SPEED MEASUREMENT USING MAGNETIC PICK UP



Transducer: Photo Electric Sensor  
Light Source : LED  
Test points : provided to observe pulses  
Display : 4 digit digital counter for speed(RPM)

## LEVEL MEASUREMENT TRAINER



Sensor Type: capacitive  
Supply Voltage: 230V AC  
Level tank : 200 mm height

## FLOW MEASUREMENT TRAINER



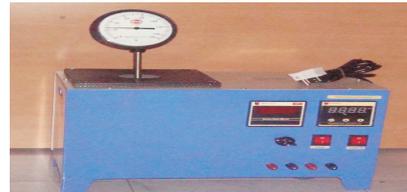
Sump Tank, Measuring Tank, Centrifugal Pump,  
Necessary Piping  
Transducer: Rotameter /Venturi/Orifice  
Individual & Combined Transducer option available

## AC/DC POSITION CONTROL TRAINER



DC Motor, Armature Controlled DC Servo Motor, AC Servo Motor with Gear, AC Servo Reversible Motor, Precision Servo Potentiometer as error detector, Digital Null Error Indicator, Test Points

## TEMPERATURE CHARACTERISTICS TRAINER



Temperature sensors such glass thermometer, RTD, thermocouple thermistor and Thermocouple Digital Temperature Indicator, Thermowell or Oven with fan for cooling  
Temperature Range: 100 deg./200 deg./500 deg.

## OUR OTHER TRAINER KITS

Level and Flow control Using PID, P to I Converter, I to P Converter, Hydraulic/Pneumatic Trainer, Synchro as a Transmitter & Receiver, Potentiometer as error Detector, Control Valve Char. Trainer, PLC Trainer with different application modules.  
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