

# LVDT Trainer Kit



## Technical Specification

- AC-AC spring loaded 20mm LVDT with Micrometer scale & test points.
- Based On PIC microcontroller
- LCD 16x2 display unit to observe lvdt changes output results,
- Inbuilt excitation Frequency generator with test points & adjust frequency, Test points for test.
- Lvdt calibration using Multimeter ,On board power jack with power indication ,220v to 12v DC input operated.
- On Board Test points to test output of Lvdt.
- Onboard power reset switch with led indicator to reset display.
- Buzzer indicator for finding LVDT null point.
- Operational amplifier and signal conditioning circuit with test points.
- Programming header to program and develop customized application.
- Light weight and tough plastic cabinet, System come with operating user Manual, connecting cables & power supply.

## Experiment

- To study characteristic behavior of LVDT in positive and negative region with respect to voltage.
- To observe and note reading in positive and negative region and plot graph



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