

LVDT TRAINER

Introduction

This trainer is used to perform all the experiments of **LVDT TRAINER**. It is useful for experimentation as well as project work . This trainer is designed in fashion, all sections can be operate individually. This is useful for and B.Tech And M.Tech. For research / Project work we give Re-programmable facility & PC interface with Lab view Easy to perform, This trainer is very useful for **ECE, EEE, EE, ME** and **I&C Eng** streams.

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

Experiments

- 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.



All The Technology You need

ISO 9001:2008
Certified Company



All the Technology You Need

ADVANCE TECH INDIA PVT. LTD

Website: www.atechindia.com. E-mail: atechindia@gmail.com