

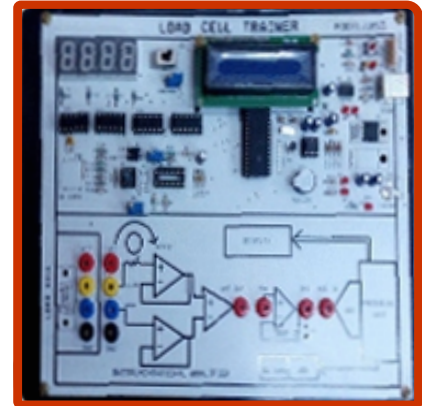
LOAD CELL TRAINER KIT

Introduction

This trainer is used to perform all the experiments of **LOAD CELL TRAINER KIT**. 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.

Features

- Load Cell with Capacity of 10 kg.
- Easy to plug and play unit.
- Load cell input connection and test points, 5V operated system
- Power On/ Off switch with LED indication.
- Operational amplifier and signal conditioning Circuit.
- LCD 16 X 2 based unit to display load status.
- Test point to measure different signals and voltage
- Based On PIC microcontroller
- Mechanism to keep weight on platform (9Lx7Wx5H)inch.



Load Cell Sensor :-

Excitation Voltage	9 -12 (DC)
Rated Output (mv/v)	2±0.2
Output Resistance (Ω)	350±2
Cable	4mm,0.42mtr.

Experiment

1. To study Fundamental/concept For Load Cell trainer .
- 2.To measure the Characteristic of Voltage Vs Load.



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