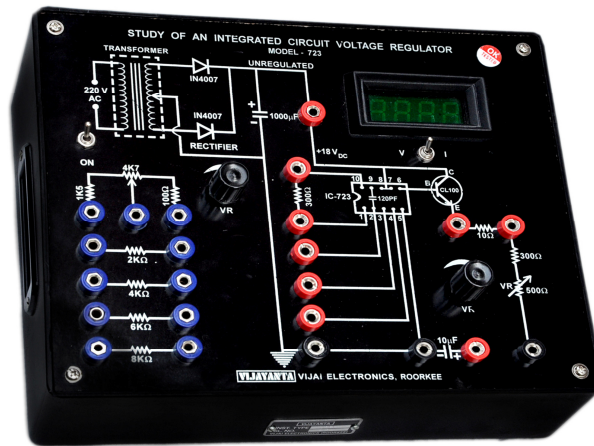


## STUDY OF AN INTEGRATED CIRCUIT REGULATOR, MODEL - 723



The 723 is a monolithic precision voltage Regulated constructed on a single silicone chip. The device consists of a temperature compensated reference, error amplifier, Power series pass transistor and current limit circuitry. Some of its important features – adjustable output voltage from 2 to 37, Volts of either polarity, 0.01% line and 0.03% load regulation, output current upto 150, mAmp. without external pass transistor make it a general purpose I.C. for voltage or current regulation.

The experimental set – up consists of an I.C. – 723 with facilities for convenient connections, an un-regulated Power Supply, Voltmeter, an Ammeter and all the other components – resistance's, potentiometers, variable load etc. required to perform the experiments.

The set – up provides with a booklet which contains its description, theory of operation, suggestion and discussion on the various experiments which may be performed with it.

- Weight : 2 Kg Approximately
- Dimension : 210mm × 280mm × 82mm

### THE FOLLOWING STUDIES CAN BE CARRIED OUT :

1. Working as a Voltage Regulator.
2. Working as a Current Regulator.

The set – up is complete in all respects.

*Note: There may be any change in specification due to continuous R & D without notice.*

### **VIJAYANTA TECHNOLOGIES PVT. LTD.**

(Formerly Vijai Electronics)

Dr. Baldev Singh Marg 28/147 Civil Lines, Roorkee-247667 Distt. Haridwar, Uttarakhand

Phone No.: 01332 – 272509, 7579200827

E-Mail : vijayantatechologies@gmail.com, vijaielectronics1965@gmail.com