

**STUDY OF THE VARIATION IN  
POTENTIAL DROP WITH LENGTH OF  
WIRE BY USING A POTENTIOMETER  
OMEGA TYPE ES-210**



**OMEGA TYPE ES-210** Experimental Set Up has been designed specifically for the study of variation in potential drop with length of wire by using a potentiometer. The set up is absolutely self contained and requires no other apparatus.

Practical experience on this set up carries great educative value for Science and Engineering Students.

### OBJECT

01 Study of the variation in potential drop with length of wire by using a Potentiometer.

### FEATURES

The Set up consists of the following :

- 01 Potentiometer : 10 Wires, fitted with pulleys on Laminated Board, Piano type jockey with 10 contact points OMEGA TYPE POT-185.
- 02 D.C. Voltmeter, 65mm round dial, mounted on bakelite stand, to read 0-3V OMEGA TYPE MO-65.
- 03 0-5V D.C. at 500mA, continuously variable regulated and short circuit protected Battery Eliminator OMEGA TYPE BE-5/05.
- 04 Weight : 6.7 Kg. (Approx.)
- 05 Adequate no. of patch cords stackable from rear both ends 4mm spring loaded plug length ½ metre.
- 06 Strongly supported by detailed Operating Instructions, giving details of Object, Theory, Design procedures, Report Suggestions and Book References.

We are committed to the continuous development of our products, and therefore reserve the right to amend specifications without prior notice.

## OMEGA ELECTRONICS

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