

**COMPARISON OF ELECTRO MOTIVE FORCES (EMFs) OF TWO PRIMARY CELLS BY USING A POTENTIOMETER  
OMEGA TYPE ES-212**



**OMEGA TYPE ES-212 Experimental Set Up**

has been designed specifically for comparison of Electro Motive Forces (EMFs) of two primary cells 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**

To compare Electro Motive Forces (EMFs) of two primary cells by using a Potentiometer.

**FEATURES**

The Set up consists of the following :

- 01 Potentiometer 10 wires, Fitted with pulleys laminated board, Piano type jockey with ten contact points OMEGA TYPE POT-185.
- 02 0-5V D.C. at 500mA, continuously variable regulated and short circuit protected Battery Eliminator OMEGA TYPE BE-5/05.

- 03 Galvanometer 30-0-30G (with push button controlled shunt) OMEGA TYPE MO-65PB.
- 04 Daniel cell
- 05 Leclanche Cell
- 06 Two way key.
- 07 Weight : 8.1 Kg. (Approx.)
- 08 Adequate no. of connecting wires.
- 09 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**