OMEGA

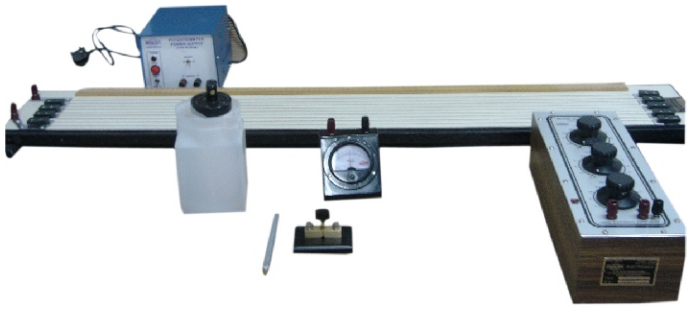
A SIGN OF QUALITY PRODUCT

DETERMINATION OF INTERNAL RESISTANCE OF PRIMARY CELL BY USING A POTENTIOMETER

OMEGA TYPE ES-207

OMEGA TYPE ES-207 Experimental Set-up has been designed specifically to determine internal resistance of a primary cell 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

Determination of internal resistance of a primary cell 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. Potentiometer Power Supply : (2V/4V at 2Amp.) This gives fixed IC regulated outputs 2 and 4 Volt DC at 2 Amp. with over load and short circuit protection. OMEGA TYPE PPS–4/2
03. Galvanometer 30-0-30G (with push button controlled shunt on bakelite stand) OMEGA TYPE MO-65 PB.
04. Decade Resistance Box, Three dials in steps of 1,10,100 ohms, total 1110 ohms OMEGA TYPE DRBC-115A.
05. Leclanche cell.
06. One way key.

* Weight : 9.8 Kg. (Approx.)
* Adequate no. of connecting wires, 100cm long.
* Strongly supported by detailed Operating Instructions, giving details of Object, Theory, Design procedures and Report Suggestions.

OTHER APPARATUS

Ammonium Chloride - NH_4CL.

OMEGA ELECTRONICS

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