

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 OMEGATYPE 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. OMEGATYPE PPS-4/2

- 03 Galvanometer 30-0-30G** (with push button controlled shunt on bake-lite stand) OMEGATYPE MO-65 PB.
- 04 Decade Resistance Box,** Three dials in steps of 1,10,100 ohms, total 1110 ohms OMEGATYPE DRBC-115A.
- 05 Leclanche Cell**
- 06 One way key.**
- 07 Weight** : 9.8 Kg. (Approx.)
- 08 Adequate no. of connecting wires.**
- 09 Strongly supported by detailed Operating Instructions,** giving details of Object, Theory, Design procedures and Report Suggestions.

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

OMEGA ELECTRONICS

Works:

28E & F, Malviya Industrial Area,
Jaipur-302 017 (INDIA)
Phone: 0141-2751559

E-mail : info@omegaelectronics.net
: omegajaipur62@gmail.com

www.omegaelectronics.net

Marketing Division:

B-28, Fateh Singh Scheme, Opp. Rajputana
Palace Sheraton, Jaipur-302006 (INDIA)
Phone : 091-141-2375647, 2379223