

CALIBRATION OF A VOLTMETER WITH THE HELP OF A POTENTIOMETER

OMEGA TYPE ES-208

OMEGATYPE ES-208 Experimental Set Up has been designed specifically to calibrate a Voltmeter with the help of 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 calibrate a voltmeter with the help of 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. Two 0-5V D.C. at 500mA, continuously variable regulated and short circuit protected Battery Eliminators OMEGA TYPE BE-5/05.
- 03. Galvanometer 30-0-30G (with push button controlled shunt) mounted on bakelite stand OMEGA TYPE MO-65PB.
- 04. Standard resistance 10 Ohms 2 Watts OMEGA TYPE FR-105.
- 05. D.C. Voltmeter, 65mm round dial, mounted on bakelite stand, to read 0-3V OMEGA TYPE MO-65.
- 06. Daniel cell.
- 07. Two way key.
- Weight: 10.3 Kg. (Approx.)
- * Adequate no. of connecting wires, 100cm long.
- * 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.