OMEGA®

A SIGN OF QUALITY PRODUCT

CONDUCTIVITY OF A SOLUTION USING A P.O. BOX AND A MOVING COIL GALVANOMETER

OMEGA TYPE ES-281

OMEGA TYPE ES-281 Experimental Set-Up has been designed specifically to determine the conductivity of a solution using a P.O. Box, and Moving Coil Galvanometer. The set up consists of P.O. Box, Moving Coil Galvanometer, Two U tubes with accessories, Cell Eliminator, Callipers etc.
Practical experience on this set up carries great educative value for Science and Engineering Students.

OBJECT

01 To determine the conductivity of a solution using a P.O. Box and a Moving Coil Galvanometer.

FEATURES

The complete Experimental Set-up consists of the followings :

01 Post Office Box (Dial type) Omega type POB-180 :

The unit consists of the following built in parts :
Four series dials of units, tens, hundreds and thousands.
Two ratio arm dials each having connection for 1, 10, 100 and 1000 ohms.
Terminals for connecting the Galvanometer and battery externally.
Range of measurement from .001 ohms to 1111000 ohms.
Resistance of 1 watt each, with accuracy of ±1%.
Two Push to ON switch with two terminals each for easy connections.
Weight : 1.3Kg.
Dimension : W 340 x H 125 x D 210

02 Galvanometer 50-0-50 OMEGA TYPE MO-65
03 Cell Eliminator OMEGA TYPE CE-1V5.
04 Vernier Callipers
05 Two U Tube with Accessories on wooden stand
06 Patch cords and connecting wires.
07 Strongly supported by detailed Operating Instructions, giving details of Object, Theory, Design procedures, Report Suggestions and Book References.

OTHER APPARATUS REQUIRED:

Copper sulphate

OMEGA ELECTRONICS

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