36362 (Experimentation with Kelvin's Bridge) is useful training product for measuring very small values of resistance, Kelvin's double bridge or Kelvin's bridge (as it is commonly known as) is a variation of wheatstone bridge and is based on the same principal. By setting the null point we can evaluate the unknown resistance.

Object

1. Determination of unknown resistance using kelvin's bridge method.

Features

The board consists of the following built-in parts :

1. Kelvin's Bridge circuit with arms values.
2. Unknown Resistance 0.5W, 1.0W, 1.5W.
3. Known Resistance R1 = 100KW, 20KW, 10K.
   R3 = 1K, 200E, 100E
4. DC Power Supply +5V.
5. Digital Galvanometer.
6. Mains ON/OFF switch, Fuse and Jewel light.
7. The unit is operative on 230V ±10% at 50Hz A.C. Mains.
8. Good Quality, reliable terminal/sockets are provided at appropriate places on panel for connections/ observation of waveforms.
9. Strongly supported by detailed Operating Instructions, giving details of Object, Theory, Design procedures, Report Suggestions and Book References.
10. Practical experience on these boards carries great educative value for Science and Engineering Students.
11. Weight : 2.3 Kg. (Approx.)
12. Dimension : W340 x H125 x D210

List of Accessories

1. Patch cord 2mm length 50cm Red.....01
2. Patch cord 2mm length 50cm Black.....04

Note: Specifications are subject to change.

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