



36393 Experimentation with Kelvin's Bridge is a useful training product for measuring very small values of resistance. Kelvin's double bridge or Kelvin's bridge (as it is commonly known) is a variation of Wheatstone bridge and is based on the same principle. By setting the null point we can evaluate the unknown resistance. This product has Digital Display (DPM) for the purpose of null detection implemented on the trainer board itself.

Features

1. Easy illustration of Kelvin's bridge
2. Digital display (DPM) for null detection
3. Online product tutorial

Object

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

Technical Specifications

| | | |
|--------------------|---|--|
| DC Power Supply | : | +5V |
| Known Resistance | : | R1=100KW, 20KW, 10KW R3=1KW, 200W, 100W |
| Unknown Resistance | : | 0.3W, 0.4W, 0.8W |
| DPM | : | 2V |
| Mains Supply | : | 230 V \pm 10%, 50 Hz |
| Dimensions (mm) | : | 240 W x 345 D x 110 H |

Note: Specifications are subject to change.