

## Decade Resistance Box

### Description

This instrument is designed to provide four decade ranges of resistance up to a total value of  $9999\Omega$  with a resolution of  $1\Omega$ . The value of each decade is selected by a rotary switch and tapping points are provided across each range to allow the unit to be used as an accurate potential divider. All resistance values are  $\pm 2\%$  with a rating of  $0.25W$  maximum per range.

Care must be taken when using the instrument to ensure the power rating of the resistors is not exceeded. Avoid setting all the range switches to zero ohms as this will present a short circuit to any power source connected to the resistance box terminals.