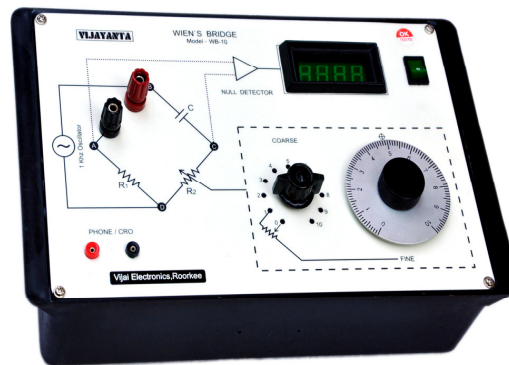


WIEN BRIDGE

Model - WB - 10



This bridge was used to a great extent in the past for the measurement of capacitance. The Wien Bridge is presented here primarily as frequency measuring device. This can give balance of one frequency only (variable frequency can not be used in this bridge). Therefore, it can be used to determine frequency and in fact has its chief application for this purpose. Terminals are provided to connect the power supply is builtin, headphone and unknown capacitance. The variable arm is a linear variable calibrated resistance. Actual circuit and formula is engraved on panel. The 1 KHz Oscillator and tuned amplifier fitted with digital Meter as Null Indicator and power supply are builtin.

- Digital Micro Volt Meter
- Weight : 1Kg. Approximately
- Dimension : 195mm x 315mm x 75mm

VIJAYANTA TECHNOLOGIES PVT. LTD.

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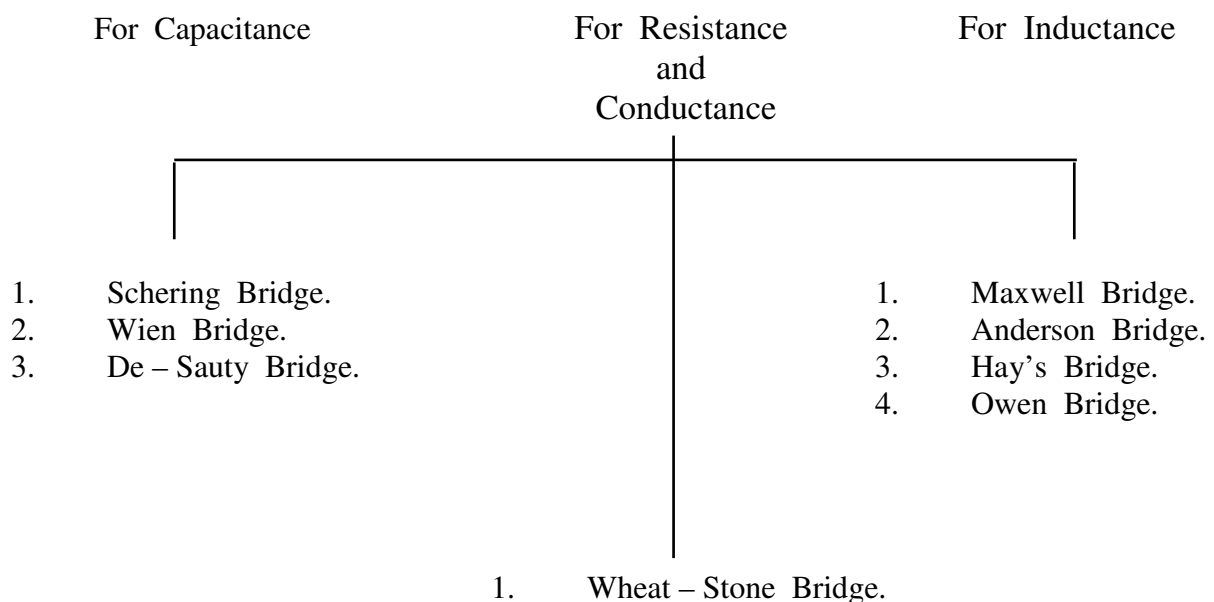
A.C. BRIDGES

Measurement of Inductance, Capacitance and some other quantities may be made conveniently and accuracy by A.C. Bridge circuits. The simple form of A.C. Bridge is very much resembles with D.C. Wheat – Stone Bridge. It consists of four arms. A power supply and a balance detector. The power source furnishes in Alternating current of 1, KHz in standard practice but in some cases measurements are also made on different frequencies.

The A.C. source is usually supplied by Audio Frequency Oscillator. A head – phone or a CRO also can be used for Null Detection but in sophisticated bridges an amplifier (Electronic Null Detector) is generally used which acts as Null Detector and Indications monitored on a moving coil Microampere Meter.

A.C. Bridges.

CLASSIFICATION :



Note: There may be any change in specification due to continuous R & D without notice.

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