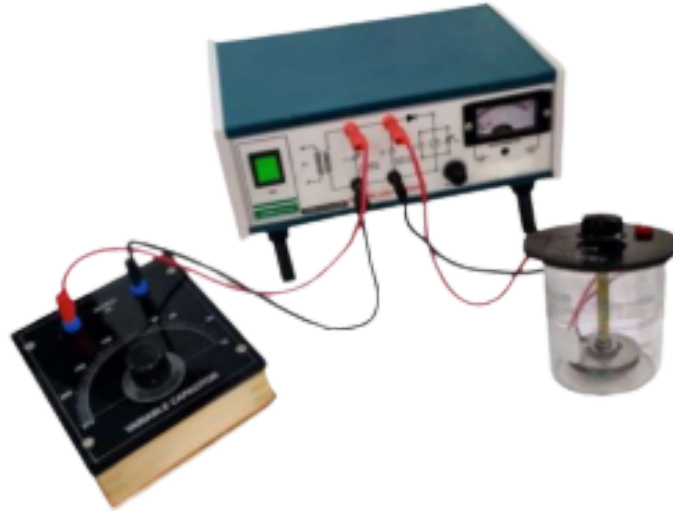


IV-E239 Dielectric Constant In Liquid (Rasonance Method)



Scope of Learning :

- To calculate Dielectric constant of Liquid. The instrument consists of a high frequency R.F. Oscillator of tuneable frequency with outer gang condenser, optimum tuning is indicated on meter. The change in meter reading after placing Dielectric material between parallel plates can be detected and difference can be noted, workable on 220VAC, 50 Hz.

Technical Specification :

- R.F. Generator (Range: 9-10MHz approx.).
- μ Micro ammeter (Range: 0-50).
- Potentiometer for Sensitivity selection.
- Test Capacitor For Liquid (Round Metal Aluminium Sheets With Fixed Air Gap).
- Variable Gang Capacitor.
- Sockets for test capacitor and variable capacitor brought out at front panel.
- One Solid Bakelite plate to be insert in rap of test capacitor.

Packing List :

- Dielectric Constant Apparatus.
- Variable Gang Condenser.
- Test Capacitor For Liquid (Round Metal Aluminium Sheets With Fixed Air Gap).
- Liquid as Dielectric material.
- Two sets of Leads