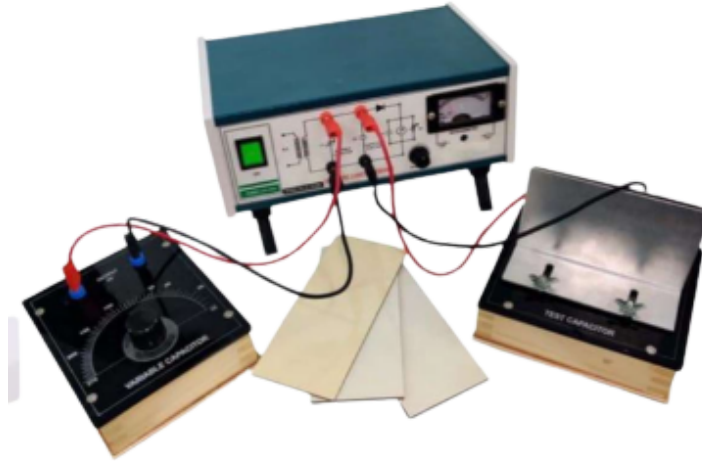


IV-E238A Dielectric Constant In Solids (Resonance Method)



Scope Of Learning :

- To calculate Dielectric constant of solids. 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: 0-50mA)
- Potentiometer for Sensitivity selection.
- Fixed Capacitor (Metal).
- 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 (Solid Gang Condenser)
- Three type of Bakelite sheets for Dielectric material.
- Two sets of Leads.